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ABSTRACT

A three-dimensional finite element analysis was conducted, using the ANSYS computer program, of the stress state in a thin oxide film thermally formed on a rectangular piece of NiCrAl alloy. The analytical results indicated a very high compressive stress in the lateral directions of the film (approximately 6200 MPa), a low tensile stress in the normal direction in the film (approximately 2 to 10 MPa), and tensile stresses in the metal substrate that ranged from essentially zero to about 55 MPa. It was found further that the intensity of the analytically determined average stresses could be approximated reasonably well by the modification of an equation developed previously by Oxx for stresses induced into bodies by thermal gradients.

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STRESS GENERATION IN THERMALLY GROWN OXIDE FILMS

Introduction

The superalloys employed in aerospace applications generally exhibit relatively poor oxidation resistance at elevated temperatures. To withstand these high temperatures, the superalloys must be coated with more oxidation resistant alloys. The success of the coating alloys is dependent on their ability to form a protective oxide scale which serves as a barrier to rapid oxidation. These highly protective oxide scales must exhibit good adherence to the metal substrate. However, under thermal cycling conditions, stresses develop in the scale which promotes spallation of even the most adherent oxide scales. The attainment of a fundamental understanding of the oxidation of coating alloys requires a knowledge of the stress state which develops in the oxide scale and the influence of these stresses on oxide spallation. Currently, the generation of stresses in thermally grown oxide scales is not well understood

Phenomenologically, the oxidation of coating alloys has been well documented and models which describe oxidation and spalling have been proposed (1-5). These models, however, do not incorporate a detailed analysis of the stress state in the oxide scale. Other investigations (6-8) have considered the stresses in the scale in somewhat more detail but still a complete rationalization of the observed oxidation characteristics of coating alloys is not possible.

Experimental Approach

The state of stress in a thin oxide scale formed at elevated temperature and cooled to room temperature has been analyzed with the three-dimensional finite element method (3-D FEM) using the computer program ANSYS. A one μm thick layer of Al_2O_3 was assumed to form at 1100°C ($\approx 2000^\circ\text{F}$) in a stress free condition on one surface of a $25.4 \times 10.2 \times 2.54$ mm ($1.0 \times 0.4 \times 0.1$ in) rectangular slab of NiCrAl , Fig. 1. After oxide formation, the solid was cooled to 25°C (77°F) and stresses were cal-

culated in both oxide and metal assuming linear elastic behavior. Physical and elastic parameters were assumed to be independent of temperature with values as follows:

	Metal (NiCrAl)	Oxide (Al_2O_3)
Modulus of elasticity, E	206,000MPa	402,000 MPa
Poisson's ratio, ν	0.33	0.23
Thermal expansion coefficient, α	$20 \times 10^{-6}/^{\circ}C$	$9 \times 10^{-6}/^{\circ}C$

The symmetry of the oxide coated metal sample about the z-axis allows simplification of the FEM modeling to one quarter of the total sample as shown in Fig. 2. The elements used for modeling were all isoparametric solids of the STIFF 45 type. These elements are defined by eight nodal points and have three translational degrees of freedom at each node. A total of 675 elements arranged in 27 layers of 25 elements were used. The oxide contained five layers of elements of equal size and the remaining 550 elements were distributed through the metal. The metal elements have the same initial x and y dimensions as the oxide elements but the z dimension becomes larger with increasing distance from the oxide-metal interface, Fig. 3.

Results and Discussion

The results of the computations for the stresses in three different lateral positions on the oxide-coated metal sample --- the center, the outside corner, and a location midway between the first two (locations 1, 13, and 25 of Fig. 2) --- are shown as a function of vertical (z-direction) in Table I.

As a result of the large temperature change assumed in this calculation the normal stresses in the x and y directions in the oxide are very large. They are always compressive and nearly uniform through the film. The magnitude of these stresses is on the order of 6200 MPa (900 ksi). On

crossing the oxide metal interface, the normal stresses in the x and y directions become smaller and are tensile in nature. The largest stress in the metal is ≈ 15 MPa (2.2 ksi) and occurs near the oxide metal interface. The stresses decline toward zero as the lower surface of the metal is approached. The normal stress in the z direction range from -10 to +10 MPa (1.5 - +1.5 ksi) in both the oxide and metal. It is a function of all three coordinates and does not vary in a simple fashion. Shear stress in both metal and oxide are small by comparison with the normal stresses.

The large stresses reported above for the oxide would not occur in practice. Cracking of the oxide or plastic deformation of the metal would undoubtedly occur first. None the less, this treatment is of value for comparison with the existing literature (8-11) which has considered the problem stresses induced in oxides or thin films in two dimensions only. For example, the work of Oxx (8) indicates the maximum stress in an oxide coating can be calculated from the relation

$$S_c = \frac{E_m E_c}{E_m + 2E_c \left(\frac{t_c}{t_m}\right)} (\Delta T)(\alpha_c - \alpha_m)$$

S_c = maximum coating stress

E_c, E_m = elastic moduli of coating and base metal respectively

α_c, α_m = thermal expansion coefficients of coating and base metal

t_c, t_m = thicknesses of coating and base metal respectively

ΔT = temperature change.

The geometry of the present example allows for a simplification of the Oxx equation because $t_c/t_m \ll 1$. Thus

$$S_c \approx E_c \Delta T (\alpha_c - \alpha_m)$$

Since $\Delta T = 1075^{\circ}\text{C}$ ($\approx 1900^{\circ}\text{F}$) and E_c , E_m , α_c , and α_m have values given earlier

$$S_c \approx 4800 \text{ MPa}(700 \text{ ksi})$$

This value is 20 to 25 percent lower than the FEM calculations reported earlier indicating that one dimensional estimates predict somewhat lower stresses than would actually exist.

Knowledge of the FEM results can be applied to modify the σ_{xx} relationship to predict more accurately the peak normal stresses in the oxide. Since σ_x or σ_y are nearly equal and uniform throughout the oxide film and since σ_z is much less than σ_x or σ_y , the stress in the oxide can be approximate as biaxial. The strain in the x direction ϵ_x can be written as

$$\epsilon_x = \frac{1}{E} [\sigma_x - \nu \sigma_y]$$

where $\sigma_x \approx \sigma_y$ Thus

$$\epsilon_x = \frac{\sigma_x}{E} (1-\nu)$$

or

$$\sigma_x = \frac{E \epsilon_x}{1-\nu} = \frac{E \Delta T (\alpha_c - \alpha_m)}{1 - \nu}$$

$$\approx 6200 \text{ MPa}(900 \text{ ksi})$$

The σ_{xx} equation can therefore be modified with a factor of $1/(1-\nu)$ and will predict the peak oxide stresses for a thin film in good agreement with a full three-dimensional stress analysis.

The preliminary results presented above clearly demonstrate the usefulness of the 3D FEM approach for analyzing the stress state in oxide

films. A complete description of all stresses is developed without need for assumptions which may be invalid or too limiting to describe the geometry of the problem. In addition the 3D FEM method can be readily extended to handle more complex input characteristic of a real metal-oxide system such as:

1. Temperature dependent elastic properties in both metal and oxide
2. Plastic deformation of the metal
3. Cracking of oxide

It might be noted that the very large values of the stresses in the oxide layer seem unreasonably great (nearing 900,000 psi), and in fact they are. However, this does not invalidate the analytical approach, either in its exact form, or in its approximate form. It merely means that other failure criteria --- plastic flow of the substrate, cracking or crushing of the oxide, spalling of the oxide under Hertzian stresses, etc. --- must be superimposed on the generated stresses appropriately to determine the relevant limiting condition .

ACKNOWLEDGEMENTS

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TABLE I
COMPUTED STRESS VALUES IN METAL AND OXIDE FILM*

<u>ELEMENT NUMBER</u>	<u>DIST. FROM AIR- OXIDE INTERFACE Microns</u>	<u>NORMAL STRESS - MPa</u>			<u>SHEAR STRESS - MPa</u>		
		<u>σ_x</u>	<u>σ_y</u>	<u>σ_z</u>	<u>τ_{xy}</u>	<u>τ_{yz}</u>	<u>τ_{xz}</u>
		<u>CENTER OF SAMPLE</u>					
1	0.1	-6154	-6153	1.65	0.0035	-1.20	-0.59
26	0.3	-6154	-6153	1.65	0.0035	-3.49	-1.21
51	0.5	-6154	-6153	1.65	0.0035	-5.92	-2.46
76	0.7	-6154	-6153	1.64	0.0035	-8.20	-3.71
101	0.9	-6154	-6153	1.64	0.0035	-10.60	-4.49
126	1.1	12.0	12.7	1.75	0.0016	-11.79	-5.08
151	1.3	12.0	12.7	1.75	0.0017	-11.71	-4.86
176	1.8	12.0	12.6	1.71	0.0017	-11.49	-4.91
251	6.0	11.7	12.2	1.50	0.0017	-10.10	-4.56
401	46.0	10.0	9.8	0.28	0.0017	-2.38	-2.75
501	301.0	7.9	8.0	-0.21	0.0016	0.50	0.35
601	1250.0	2.5	2.5	-0.37	0.0009	0.065	0.076
651	2250.0	-3.5	-3.4	-0.0012	0.0005	-0.0038	0.070

TABLE I - Continued
COMPUTED STRESS VALUES IN METAL AND OXIDE FILM*

ELEMENT NUMBER	DIST. FROM AIR- OXIDE INTERFACE	NORMAL STRESS - MPa			SHEAR STRESS - MPa		
	Microns	σ_x	σ_y	σ_z	τ_{xy}	τ_{yz}	τ_{xz}
	<u>MIDWAY BETWEEN CENTER AND CORNER</u>						
13	0.1	-6142	-6134	8.80	0.035	-1.12	1.07
38	0.3	-6142	-6134	8.80	0.035	-3 79	-1.42
63	0.5	-6142	-6134	8.78	0.035	-6 16	-2.03
88	0.7	-6142	-6134	8.77	0.035	-8 50	-2.96
113	0.9	-6142	-6134	8.75	0.035	-10 60	-5.13
138	1.1	21.8	25.5	9.07	-0.017	-12.10	-4.91
163	1.3	21.8	25.4	9.03	-0 017	-11.8	-5.17
188	1.8	21.6	25.1	8.90	-0.017	-11.6	-4.92
263	6.0	20.4	23 1	7.94	-0.017	-10.5	-4.60
413	46.0	12.8	11 5	2.15	-0 017	-3.6	-3.08
513	301.0	6.7	6 9	-1.46	0.016	1.0	0.07
613	1250.0	2.7	2.5	0.12	0.009	-0 8	0 18
663	2250.0	-3.4	-3 5	0.09	0.005	0.05	0.07

TABLE I - Continued
COMPUTED STRESS VALUES IN METAL AND OXIDE FILM*

ELEMENT NUMBER	DIST. FROM AIR- OXIDE INTERFACE Microns	NORMAL STRESS - MPa			SHEAR STRESS - MPa		
		σ_x	σ_y	σ_z	τ_{xy}	τ_{yz}	τ_{xz}
		CORNER OF SAMPLE					
25	0.1	-6117	-6080	6.5	0.13	-0.21	-3.36
50	0.3	-6117	-6080	6.5	0.13	-3.47	-3.97
75	0.5	-6117	-6080	6.5	0.13	-4.43	-3.96
100	0.7	-6117	-6080	6.5	0.13	-8.81	-3.33
125	0.9	-6117	-6080	6.5	0.13	-11.64	-6.44
150	1.1	37.1	54.9	6.4	0.062	-12.40	-5.38
175	1.3	37.0	54.7	6.3	0.062	-12.18	-5.35
200	1.8	36.8	54.2	6.3	0.062	-12.00	-5.29
275	6.0	35.1	51.0	5.7	0.063	-11.62	-4.82
425	46.0	23.7	30.3	2.3	0.083	-8.62	-3.95
525	301.0	6.92	6.51	-1.5	0.25	-2.03	-1.49
625	1250.0	0.47	-0.26	-1.54	0.24	1.29	0.75
675	2250.0	-1.67	-0.76	-0.0028	0.015	0.49	0.42

* The first five sets of stresses listed for each of the three locations are values that lie in the oxide film.

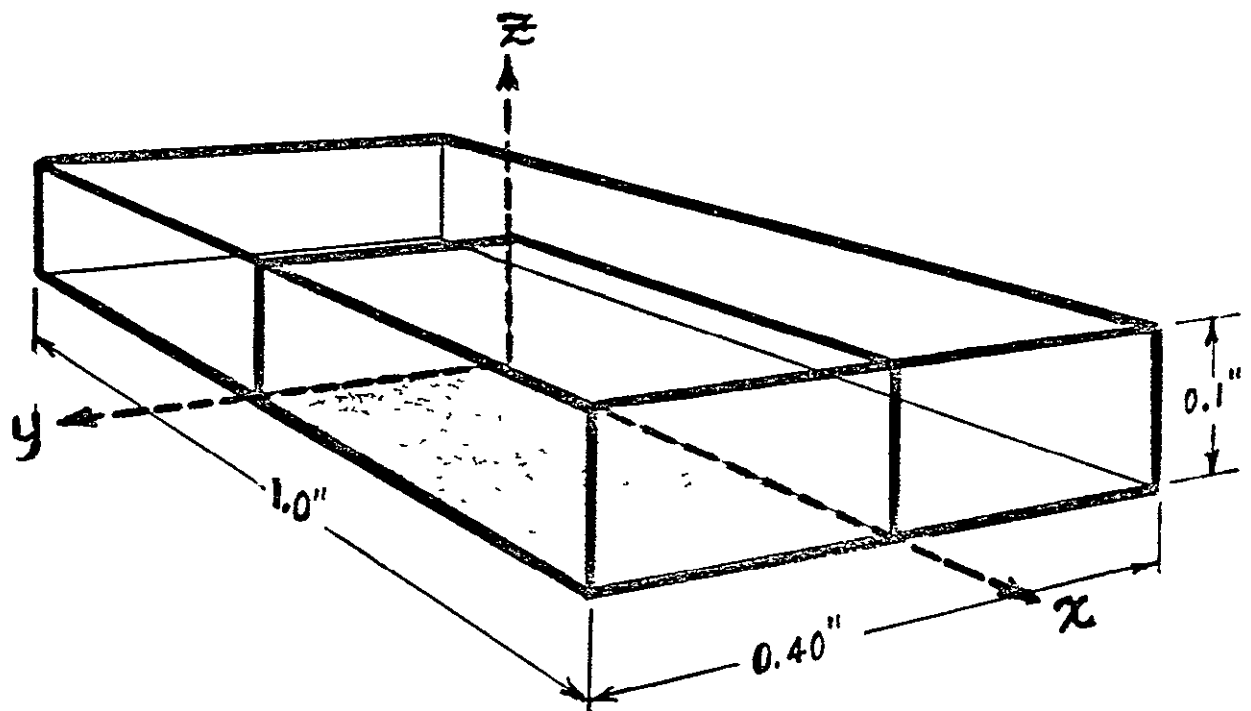


FIGURE 1. Illustration of the metallic block of alloy used for the finite element analysis. The shaded volume is the one-quarter which was divided into 27 layers with 25 elements in each.

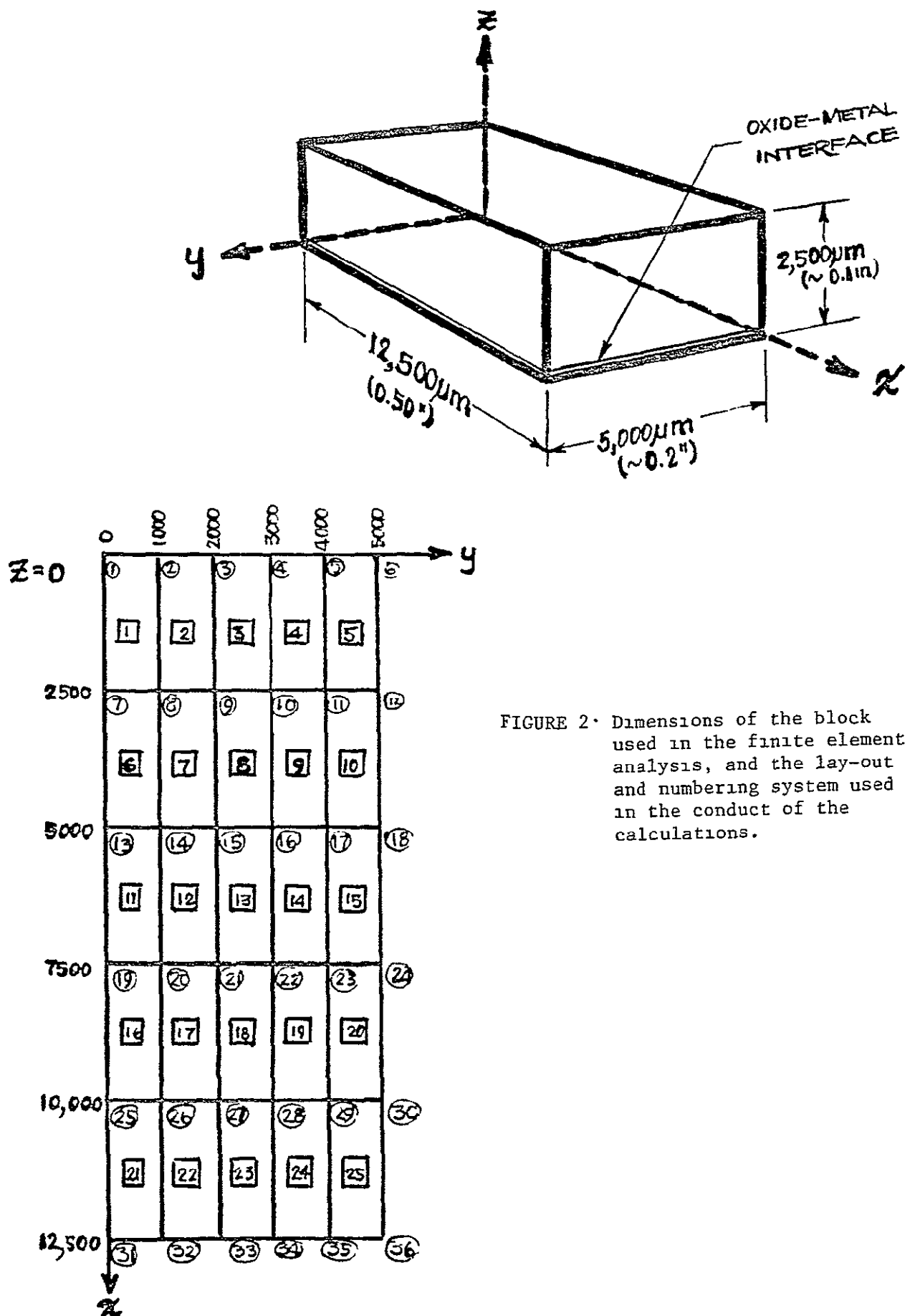


FIGURE 2. Dimensions of the block used in the finite element analysis, and the lay-out and numbering system used in the conduct of the calculations.

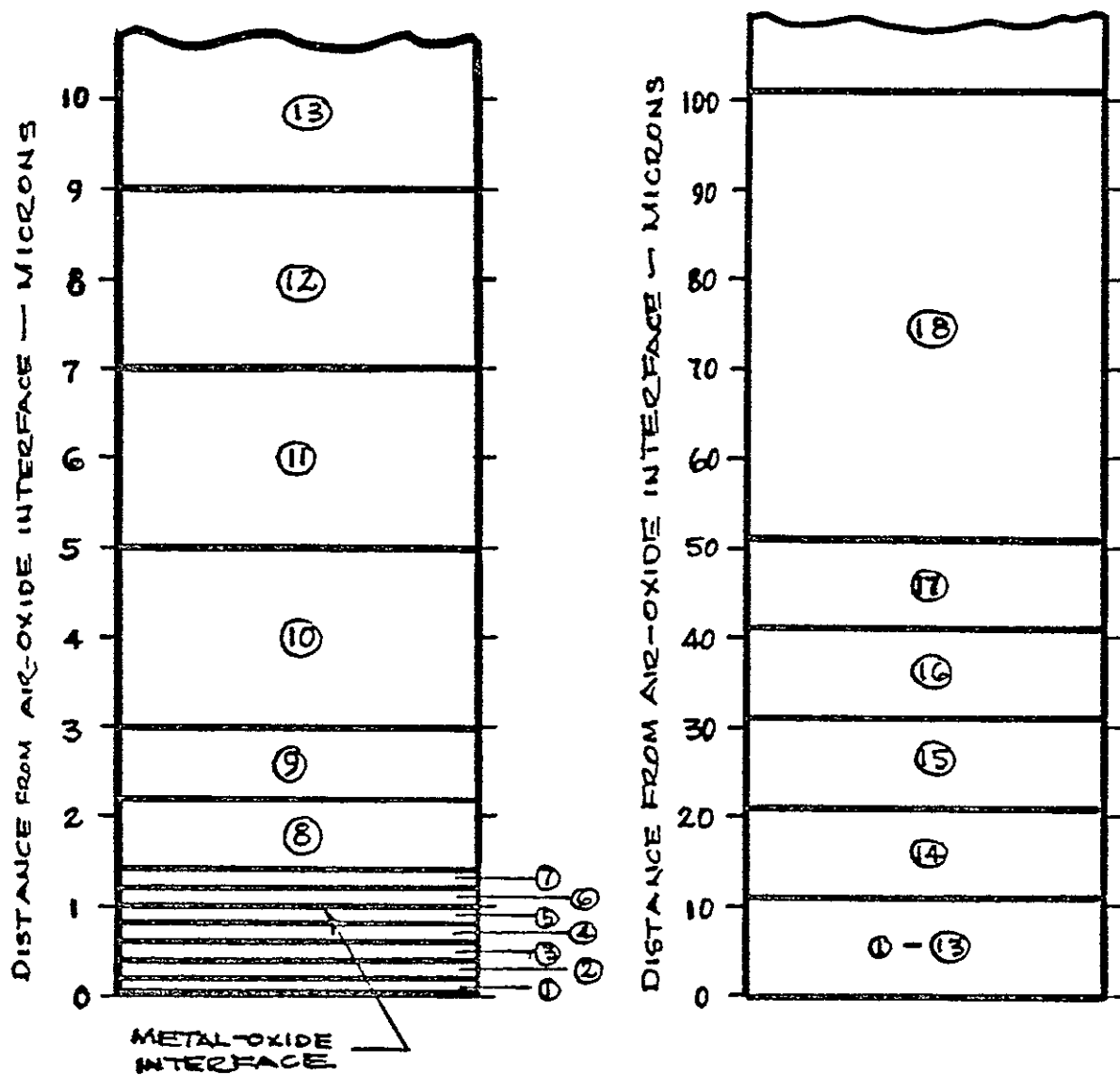


FIGURE 3. Dimensions and sizes of the first 18 layers of the block used in the finite element analysis. Numbers in circles identify the specific layers.

APPENDIX

PRINT-OUT OF FINITE ELEMENT ANALYSIS RESULTS

THREE-DIMENSIONAL OXIDE STRESS PROBLEM MESH GENERATION 18.5403 2/20/81 CP= 1843.049

***** ELEMENT STRESSES *****										TIME =	LOAD STEP=	ITERATION=	CUM. ITER.=	SR	
EL=	1	NODES=	1	7	8	2	37	43	44	38	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.125+04	500.	.100+00	TEMP=	25.0	TAUMX=	3077.6	SIGE=	6155.1						
EP=	-.011790	-.011785	.007045	.000000	-.000007	-.000004	EPPR=	.007045	-.011787	-.011787					
SIG=	-6154.2	-6152.7	1.6507	.34957-02	-1.2041	-.59125	SIGPR=	1.6502	-6153.5	-6153.5					
EL=	2	NODES=	2	8	9	3	38	44	45	39	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	.100+00	TEMP=	25.0	TAUMX=	3082.3	SIGE=	6160.2						
EP=	-.011790	-.011817	.007045	-.000000	.000008	-.000002	EPPR=	.007045	-.011790	-.011817					
SIG=	-6158.8	-6167.8	-3.0969	-.22543-02	1.3544	-.27953	SIGPR=	-3.0972	-6158.8	-6167.8					
EL=	3	NODES=	3	9	10	4	39	45	46	40	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	.100+00	TEMP=	25.0	TAUMX=	3077.9	SIGE=	6149.6						
EP=	-.011790	-.011750	.007046	.000000	-.000004	-.000003	EPPR=	.007046	-.011751	-.011789					
SIG=	-6149.3	-6136.4	6.6978	.15942-01	-.59659	-.43594	SIGPR=	6.6973	-6136.5	-6149.2					
EL=	4	NODES=	4	10	11	5	40	46	47	41	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	.100+00	TEMP=	25.0	TAUMX=	3090.4	SIGE=	6168.8						
EP=	-.011790	-.011864	.007048	.000000	.000003	-.000003	EPPR=	.007048	-.011790	-.011864					
SIG=	-6164.9	-6189.1	-8.2342	.83705-02	.44114	-.43716	SIGPR=	-8.2349	-6164.9	-6189.3					
EL=	5	NODES=	5	11	12	6	41	47	48	42	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	.100+00	TEMP=	25.0	TAUMX=	3071.4	SIGE=	6115.7						
EP=	-.011790	-.011623	.007005	.000001	-.000004	-.000002	EPPR=	.007005	-.011623	-.011790					
SIG=	-6137.3	-6082.9	5.3816	.11003	-.66839	-.27174	SIGPR=	5.3810	-6082.9	-6137.3					
EL=	6	NODES=	7	13	14	8	43	49	50	44	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.375+04	500.	.100+00	TEMP=	25.0	TAUMX=	3080.0	SIGE=	6157.2						
EP=	-.011803	-.011785	.007045	-.000000	-.000007	.000003	EPPR=	.007045	-.011786	-.011803					
SIG=	-6160.4	-6154.6	-.33249	-.48606-02	-1.2017	.46510	SIGPR=	-.33289	-6154.7	-6160.3					
EL=	7	NODES=	8	14	15	9	44	50	51	45	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	.100+00	TEMP=	25.0	TAUMX=	3082.1	SIGE=	6162.3						
EP=	-.011803	-.011817	.007045	.000000	.000007	.000003	EPPR=	.007045	-.011804	-.011816					
SIG=	-6165.0	-6169.7	-5.0805	.56216-02	1.2010	.45467	SIGPR=	-5.0809	-6165.3	-6169.4					
EL=	8	NODES=	9	15	16	10	45	51	52	46	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	.100+00	TEMP=	25.0	TAUMX=	3080.1	SIGE=	6151.6						
EP=	-.011803	-.011750	.007045	-.000000	-.000009	-.000001	EPPR=	.007045	-.011750	-.011803					
SIG=	-6155.5	-6138.3	4.7095	-.19138-01	-1.5306	-.19815	SIGPR=	4.7093	-6138.3	-6155.4					
EL=	9	NODES=	10	16	17	11	46	52	53	47	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	.100+00	TEMP=	25.0	TAUMX=	3090.4	SIGE=	6170.8						
EP=	-.011803	-.011864	.007047	.000000	.000011	.000002	EPPR=	.007047	-.011803	-.011864					
SIG=	-6171.0	-6190.9	-10.183	.37667-02	1.8418	.38537	SIGPR=	-10.183	-6171.0	-6190.9					
EL=	10	NODES=	11	17	18	12	47	53	54	48	MAT=	1	VOL=	.5000+06	3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	.100+00	TEMP=	25.0	TAUMX=	3073.4	SIGE=	6117.8						

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EP=	-.011803	-.011624	.007005	-.000001	-.000004	.000005	EPPR=	.007005	-.011624	-.011803									
SIG=	-6143.4	-6084.8	3.4701	-.13028	-.64643	.81961	SIGPR=	3.4697	-6084.9	-6143.4									
EL=	11	NODES=	13	19	20	14	49	55	56	50	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.625+04	500.	.100+00	TEMP=	25.0	TAUMX=	3076.8	SIGE=	6152.6										
EP=	-.011774	-.011785	.007045	.000000	-.000007	-.000008	EPPR=	.007045	-.011775	-.011783									
SIG=	-6147.1	-6150.6	3.7452	.13355-01	-1.2169	-1.3834	SIGPR=	3.7451	-6147.7	-6149.9									
EL=	12	NODES=	14	20	21	15	50	56	57	51	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	.100+00	TEMP=	25.0	TAUMX=	3082.3	SIGE=	6157.7										
EP=	-.011774	-.011817	.007045	-.000000	.000009	-.000005	EPPR=	.007045	-.011774	-.011817									
SIG=	-6151.6	-6165.7	-1.0080	-.60401-02	1.4583	-.77035	SIGPR=	-1.0082	-6151.6	-6165.7									
EL=	13	NODES=	15	21	22	16	51	57	58	52	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	.100+00	TEMP=	25.0	TAUMX=	3075.4	SIGE=	6147.0										
EP=	-.011774	-.011750	.007046	.000000	-.000007	.000007	EPPR=	.007046	-.011751	-.011774									
SIG=	-6142.1	-6134.3	8.8013	.35033-01	-1.1151	1.0694	SIGPR=	8.8010	-6134.5	-6141.9									
EL=	14	NODES=	16	22	23	17	52	58	59	53	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	.100+00	TEMP=	25.0	TAUMX=	3090.4	SIGE=	6166.2										
EP=	-.011775	-.011864	.007048	-.000000	.000012	.000014	EPPR=	.007048	-.011775	-.011864									
SIG=	-6157.8	-6186.9	-6.1826	-.31979-01	1.9525	2.2735	SIGPR=	-6.1819	-6157.8	-6186.9									
EL=	15	NODES=	17	23	24	18	53	59	60	54	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	.100+00	TEMP=	25.0	TAUMX=	3068.9	SIGE=	6113.1										
EP=	-.011775	-.011623	.007005	.000001	-.000007	.000005	EPPR=	.007005	-.011623	-.011775									
SIG=	-6130.4	-6080.8	7.3679	.17540	-1.1873	.84894	SIGPR=	7.3676	-6080.8	-6130.4									
EL=	16	NODES=	19	25	26	20	55	61	62	56	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.875+04	500.	.100+00	TEMP=	25.0	TAUMX=	3084.0	SIGE=	6161.6										
EP=	-.011825	-.011785	.007048	-.000000	-.000007	-.000011	EPPR=	.007048	-.011785	-.011824									
SIG=	-6170.2	-6157.3	-2.2086	-.35789-01	-1.1987	-1.8426	SIGPR=	-2.2086	-6157.4	-6170.1									
EL=	17	NODES=	20	26	27	21	56	62	63	57	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	.100+00	TEMP=	25.0	TAUMX=	3083.8	SIGE=	6166.6										
EP=	-.011825	-.011817	.007047	.000000	.000007	-.000002	EPPR=	.007047	-.011818	-.011824									
SIG=	-6174.7	-6172.4	-6.9499	.18292-01	1.2046	-.29483	SIGPR=	-6.9503	-6172.6	-6174.5									
EL=	18	NODES=	21	27	28	22	57	63	64	58	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	.100+00	TEMP=	25.0	TAUMX=	3084.1	SIGE=	6156.0										
EP=	-.011825	-.011750	.007048	-.000000	-.000006	-.000000	EPPR=	.007048	-.011750	-.011825									
SIG=	-6165.3	-6141.0	2.8346	-.53646-01	-1.0617	-.11677-01	SIGPR=	2.8341	-6141.0	-6165.3									
EL=	19	NODES=	22	28	29	23	58	64	65	59	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	.100+00	TEMP=	25.0	TAUMX=	3090.7	SIGE=	6175.0										
EP=	-.011824	-.011864	.007050	.000001	.000008	.000004	EPPR=	.007050	-.011824	-.011863									
SIG=	-6180.5	-6193.5	-11.976	.12284	1.3655	.57588	SIGPR=	-11.976	-6180.6	-6193.4									
EL=	20	NODES=	23	29	30	24	59	65	66	60	MAT=	1	VOL=	.5000+06				3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	.100+00	TEMP=	25.0	TAUMX=	3077.1	SIGE=	6121.9										
EP=	-.011823	-.011623	.007007	-.000001	-.000009	.000002	EPPR=	.007007	-.011623	-.011823									
SIG=	-6152.5	-6087.3	1.7194	-.21134	-1.4280	.38419	SIGPR=	1.7191	-6087.3	-6152.5									
EL=	21	NODES=	25	31	32	26	61	67	68	62	MAT=	1	VOL=	.5000+06				3-D SOLID	45

XC,YC,ZC=	.112+05	500.	.100+00	TEMP=	25.0	TAUMX=	3075.2	SIGE=	6142.9									
EP=	-.011739	-.011785	.007033	.000001	-.000007	-.000013	EPPR=	.007033	-.011740	-.011785								
SIG=	-6132.4	-6147.4	2.9663	.82516-01	-1.1428	-2.1455	SIGPR=	2.9666	-6132.5	-6147.4								
EL=	22	NODES=	26	32	33	27	62	68	69	63	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	.100+00	TEMP=	25.0	TAUMX=	3080.4	SIGE=	6148.0									
EP=	-.011739	-.011817	.007033	-.000000	.000008	.000004	EPPR=	.007033	-.011739	-.011817								
SIG=	-6137.0	-6162.5	-1.7644	-.77019-01	1.2604	.64908	SIGPR=	-1.7647	-6137.0	-6162.5								
EL=	23	NODES=	27	33	34	28	63	69	70	64	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	.100+00	TEMP=	25.0	TAUMX=	3069.2	SIGE=	6137.3									
EP=	-.011739	-.011750	.007034	.000001	-.000008	.000025	EPPR=	.007034	-.011741	-.011748								
SIG=	-6127.5	-6131.1	8.0284	.11170	-1.3881	4.0462	SIGPR=	8.0307	-6128.2	-6130.4								
EL=	24	NODES=	28	34	35	29	64	70	71	65	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	.100+00	TEMP=	25.0	TAUMX=	3086.5	SIGE=	6157.0									
EP=	-.011741	-.011864	.007036	-.000002	.000007	-.000010	EPPR=	.007036	-.011741	-.011864								
SIG=	-6143.8	-6183.8	-6.8574	-.25293	1.0749	-1.6144	SIGPR=	-6.8574	-6143.8	-6183.8								
EL=	25	NODES=	29	35	36	30	65	71	72	66	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	.100+00	TEMP=	25.0	TAUMX=	3061.9	SIGE=	6105.1									
EP=	-.011743	-.011627	.006995	.000001	-.000000	-.000021	EPPR=	.006995	-.011627	-.011743								
SIG=	-6117.4	-6079.5	6.5291	.13026	-.21377-01	-3.3577	SIGPR=	6.5303	-6079.6	-6117.3								
EL=	26	NODES=	37	43	44	38	73	79	80	74	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	.300	TEMP=	25.0	TAUMX=	3077.6	SIGE=	6155.1									
EP=	-.011790	-.011785	.007045	.000000	-.000021	-.000007	EPPR=	.007045	-.011787	-.011787								
SIG=	-6154.2	-6152.7	1.6491	.34766-02	-3.4853	-1.2146	SIGPR=	1.6505	-6153.5	-6153.5								
EL=	27	NODES=	38	44	45	39	74	80	81	75	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	.300	TEMP=	25.0	TAUMX=	3082.3	SIGE=	6160.2									
EP=	-.011790	-.011817	.007045	-.000000	.000021	-.000005	EPPR=	.007045	-.011790	-.011817								
SIG=	-6158.8	-6167.8	-3.0920	-.22448-02	3.3587	-.74704	SIGPR=	-3.0908	-6158.8	-6167.8								
EL=	28	NODES=	39	45	46	40	75	81	82	76	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	.300	TEMP=	25.0	TAUMX=	3077.9	SIGE=	6149.6									
EP=	-.011790	-.011750	.007046	.000000	-.000022	-.000007	EPPR=	.007046	-.011751	-.011789								
SIG=	-6149.3	-6136.4	6.6904	.15971-01	-3.5791	-1.2151	SIGPR=	6.6921	-6136.6	-6149.1								
EL=	29	NODES=	40	46	47	41	76	82	83	77	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	.300	TEMP=	25.0	TAUMX=	3090.4	SIGE=	6168.8									
EP=	-.011790	-.011864	.007048	.000000	.000016	-.000012	EPPR=	.007048	-.011790	-.011864								
SIG=	-6164.9	-6189.0	-8.2245	.83705-02	2.6014	-1.9956	SIGPR=	-8.2234	-6164.9	-6189.0								
EL=	30	NODES=	41	47	48	42	77	83	84	78	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	.300	TEMP=	25.0	TAUMX=	3071.4	SIGE=	6115.7									
EP=	-.011790	-.011623	.007005	.000001	-.000018	-.000009	EPPR=	.007005	-.011624	-.011790								
SIG=	-6137.4	-6083.0	5.3775	.11005	-2.8723	-1.5185	SIGPR=	5.3786	-6083.0	-6137.3								
EL=	31	NODES=	43	49	50	44	79	85	86	80	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	.300	TEMP=	25.0	TAUMX=	3080.1	SIGE=	6157.2									
EP=	-.011803	-.011785	.007045	-.000000	-.000021	-.000007	EPPR=	.007045	-.011785	-.011803								
SIG=	-6160.4	-6154.6	-.32852	-.49082-02	-3.4049	1.0970	SIGPR=	-.32715	-6154.6	-6160.5								

EL= 32	NODES= 44	50	51	45	80	86	87	81	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	.300		TEMP= 25.0		TAUMX= 3082.2		SIGE= 6162.3				
EP=	-.011803	-.011817		.007045		.000000	.000022		.000009	EPPR= .007045	-.011803	-.011817	
SIG=	-6165.0	-6169.7		-5.0693		.57167-02	3.5171		1.3984	SIGPR= -5.0676	-6165.1	-6169.5	
EL= 33	NODES= 45	51	52	46	81	87	88	82	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	.300		TEMP= 25.0		TAUMX= 3080.1		SIGE= 6151.6				
EP=	-.011803	-.011750		.007045		.000000	.000025		.000007	EPPR= .007045	-.011751	-.011803	
SIG=	-6155.5	-6138.3		4.7121		-1.9214-01	-4.0455		1.2130	SIGPR= 4.7144	-6138.4	-6155.4	
EL= 34	NODES= 46	52	53	47	82	88	89	83	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	.300		TEMP= 25.0		TAUMX= 3090.4		SIGE= 6170.8				
EP=	-.011803	-.011864		.007047		.000000	.000020		.000002	EPPR= .007047	-.011803	-.011864	
SIG=	-6171.0	-6190.9		-10.169		.36716-02	3.2229		.39398	SIGPR= -10.168	-6171.0	-6190.9	
EL= 35	NODES= 47	53	54	48	83	89	90	84	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	.300		TEMP= 25.0		TAUMX= 3073.4		SIGE= 6117.8				
EP=	-.011803	-.011624		.007005		-.000001	-.000014		.000009	EPPR= .007005	-.011624	-.011803	
SIG=	-6143.4	-6084.9		3.4531		-.13039	-2.2269		1.4518	SIGPR= 3.4536	-6084.9	-6143.4	
EL= 36	NODES= 49	55	56	50	85	91	92	86	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.625+04	500.	.300		TEMP= 25.0		TAUMX= 3077.0		SIGE= 6152.6				
EP=	-.011774	-.011785		.007045		.000000	-.000021		-.000007	EPPR= .007045	-.011775	-.011784	
SIG=	-6147.1	-6150.6		3.7418		.13383-01	-3.4981		-1.0631	SIGPR= 3.7433	-6147.3	-6150.4	
EL= 37	NODES= 50	56	57	51	86	92	93	87	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	.300		TEMP= 25.0		TAUMX= 3082.3		SIGE= 6157.7				
EP=	-.011774	-.011817		.007045		-.000000	.000023		-.000020	EPPR= .007045	-.011774	-.011817	
SIG=	-6151.6	-6165.7		-.99762		-.59260-02	3.7744		-3.2552	SIGPR= -.99420	-6151.6	-6165.7	
EL= 38	NODES= 51	57	58	52	87	93	94	88	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	.300		TEMP= 25.0		TAUMX= 3075.4		SIGE= 6147.0				
EP=	-.011774	-.011750		.007046		.000000	-.000023		-.000009	EPPR= .007046	-.011751	-.011774	
SIG=	-6142.1	-6134.3		8.7959		.35118-01	-3.7859		-1.4155	SIGPR= 8.7979	-6134.4	-6142.0	
EL= 39	NODES= 52	58	59	53	88	94	95	89	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	.300		TEMP= 25.0		TAUMX= 3090.4		SIGE= 6166.2				
EP=	-.011775	-.011864		.007048		-.000000	.000018		.000003	EPPR= .007048	-.011775	-.011864	
SIG=	-6157.8	-6186.9		-6.1606		-.31770-01	2.8660		.41204	SIGPR= -6.1600	-6157.8	-6186.9	
EL= 40	NODES= 53	59	60	54	89	95	96	90	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	.300		TEMP= 25.0		TAUMX= 3068.9		SIGE= 6113.2				
EP=	-.011775	-.011623		.007005		.000001	-.000023		.000001	EPPR= .007005	-.011623	-.011775	
SIG=	-6130.4	-6080.9		7.3699		.17517	-3.7029		.23441	SIGPR= 7.3715	-6080.9	-6130.4	
EL= 41	NODES= 55	61	62	56	91	97	98	92	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.875+04	500.	.300		TEMP= 25.0		TAUMX= 3084.0		SIGE= 6161.5				
EP=	-.011825	-.011785		.007048		-.000000	-.000021		.000006	EPPR= .007048	-.011785	-.011825	
SIG=	-6170.2	-6157.3		-2.1953		-.35760-01	-3.4798		.97114	SIGPR= -2.1939	-6157.3	-6170.2	
EL= 42	NODES= 56	62	63	57	92	98	99	93	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	.300		TEMP= 25.0		TAUMX= 3083.5		SIGE= 6166.6				
EP=	-.011825	-.011817		.007047		.000000	.000023		.000014	EPPR= .007047	-.011819	-.011823	
SIG=	-6174.7	-6172.4		-6.9385		.16253-01	3.7545		2.2073	SIGPR= -6.9361	-6172.9	-6174.2	

EL=	43	NODES=	57	63	64	58	93	99	100	94	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	.300			TEMP=	25.0	TAUMX=	3084.0	SIGE=	6156.0							
EP=	-.011825	-.011750	.007048				-.000000	-.000025	-.000000	EPPR=	.007048		-.011750		-.011825			
SIG=	-6165.3	-6141.0	2.8079				-.53762-01	-4.0441	-.31288-02	SIGPR=	2.8098		-6141.0		-6165.3			
EL=	44	NODES=	58	64	65	59	94	100	101	95	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	.300			TEMP=	25.0	TAUMX=	3090.7	SIGE=	6175.0							
EP=	-.011824	-.011864	.007050				.000001	.000019	.000007	EPPR=	.007050		-.011824		-.011864			
SIG=	-6180.5	-6193.5	-11.982				.12270	3.0583	1.2079	SIGPR=	-11.981		-6180.5		-6193.4			
EL=	45	NODES=	59	65	66	60	95	101	102	96	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	.300			TEMP=	25.0	TAUMX=	3077.1	SIGE=	6121.9							
EP=	-.011823	-.011623	.007007				-.000001	-.000030	.000014	EPPR=	.007007		-.011624		-.011823			
SIG=	-6152.6	-6087.3	1.7380				-.21124	-4.8786	2.2631	SIGPR=	1.7420		-6087.3		-6152.5			
EL=	46	NODES=	61	67	68	62	97	103	104	98	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	.300			TEMP=	25.0	TAUMX=	3075.2	SIGE=	6142.9							
EP=	-.011739	-.011785	.007033				.000001	-.000022	-.000017	EPPR=	.007033		-.011740		-.011785			
SIG=	-6132.5	-6147.4	2.9546				.82545-01	-3.5798	-2.7603	SIGPR=	2.9573		-6132.5		-6147.4			
EL=	47	NODES=	62	68	69	63	98	104	105	99	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	.300			TEMP=	25.0	TAUMX=	3080.3	SIGE=	6148.0							
EP=	-.011739	-.011817	.007033				-.000000	.000022	.000000	EPPR=	.007033		-.011739		-.011817			
SIG=	-6137.0	-6162.5	-1.7849				-.77066-01	3.6544	.34326-01	SIGPR=	-1.7834		-6137.0		-6162.4			
EL=	48	NODES=	63	69	70	64	99	105	106	100	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	.300			TEMP=	25.0	TAUMX=	3069.4	SIGE=	6137.3							
EP=	-.011739	-.011750	.007034				.000001	-.000019	.000006	EPPR=	.007034		-.011740		-.011749			
SIG=	-6127.5	-6131.1	7.9835				.11153	-3.1238	.93785	SIGPR=	7.9845		-6127.9		-6130.8			
EL=	49	NODES=	64	70	71	65	100	106	107	101	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	.300			TEMP=	25.0	TAUMX=	3088.4	SIGE=	6157.0							
EP=	-.011741	-.011864	.007036				-.000002	.000019	-.000014	EPPR=	.007036		-.011741		-.011863			
SIG=	-6143.8	-6183.8	-6.8714				-.25296	3.0794	-2.2292	SIGPR=	-6.8697		-6143.8		-6183.8			
EL=	50	NODES=	65	71	72	66	101	107	108	102	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	.300			TEMP=	25.0	TAUMX=	3061.9	SIGE=	6105.1							
EP=	-.011743	-.011627	.006995				.000001	-.000021	-.000024	EPPR=	.006995		-.011627		-.011743			
SIG=	-6117.4	-6079.6	6.5439				.13026	-3.4720	-3.9722	SIGPR=	6.5479		-6079.6		-6117.3			
EL=	51	NODES=	73	79	80	74	109	115	116	110	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	.500			TEMP=	25.0	TAUMX=	3077.6	SIGE=	6155.2							
EP=	-.011790	-.011785	.007045				.000000	-.000036	-.000015	EPPR=	.007045		-.011787		-.011788			
SIG=	-6154.2	-6152.8	1.6467				.34576-02	-5.9223	-2.4613	SIGPR=	1.6526		-6153.5		-6153.5			
EL=	52	NODES=	74	80	81	75	110	116	117	111	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	.500			TEMP=	25.0	TAUMX=	3082.3	SIGE=	6160.2							
EP=	-.011790	-.011817	.007045				-.000000	.000036	-.000016	EPPR=	.007045		-.011790		-.011817			
SIG=	-6158.8	-6167.8	-3.0875				-.22639-02	5.9086	-2.6172	SIGPR=	-3.0815		-6158.9		-6167.7			
EL=	53	NODES=	75	81	82	76	111	117	118	112	MAT=	1	VOL=	.5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	.500			TEMP=	25.0	TAUMX=	3078.0	SIGE=	6149.6							
EP=	-.011790	-.011750	.007046				.000000	-.000036	-.000015	EPPR=	.007046		-.011750		-.011790			
SIG=	-6149.3	-6136.5	6.6811				.15990-01	-5.9282	-2.4619	SIGPR=	6.6871		-6136.5		-6149.3			

EL= 54	NODES= 76	82	83	77	112	118	117	113	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.125+04	.350+04	.500	TEMP= 25.0	TAUMX= 3090.4	SIGE= 6168.7							
EP=	-.011790	-.011864	.007048	.000000	.000037	-.000014	EPPR= .007048	-.011790	-.011864				
SIG=	-6164.9	-6189.0	-8.2134	.84276-02	6.0084	-2.3072	SIGPR= -8.2073	-6164.9	-6189.0				
EL= 55	NODES= 77	83	84	78	113	119	120	114	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.125+04	.450+04	.500	TEMP= 25.0	TAUMX= 3071.4	SIGE= 6115.8							
EP=	-.011790	-.011624	.007005	.000001	-.000039	-.000013	EPPR= .007005	-.011624	-.011790				
SIG=	-6137.4	-6083.1	5.3747	.11005	-6.3230	-2.1418	SIGPR= 5.3814	-6083.1	-6137.4				
EL= 56	NODES= 79	85	86	80	115	121	122	116	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.375+04	500.	.500	TEMP= 25.0	TAUMX= 3080.1	SIGE= 6157.2							
EP=	-.011803	-.011785	.007045	-.000000	-.000036	.000012	EPPR= .007045	-.011785	-.011803				
SIG=	-6160.4	-6154.6	-.33194	-.49367-02	-5.9588	2.0407	SIGPR= -.32617	-6154.6	-6160.5				
EL= 57	NODES= 80	86	87	81	116	122	123	117	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.375+04	.150+04	.500	TEMP= 25.0	TAUMX= 3082.2	SIGE= 6162.3							
EP=	-.011803	-.011817	.007045	.000000	.000038	.000012	EPPR= .007045	-.011804	-.011817				
SIG=	-6165.0	-6169.7	-5.0675	.56977-02	6.2229	2.0303	SIGPR= -5.0612	-6165.2	-6169.4				
EL= 58	NODES= 81	87	88	82	117	123	124	118	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.375+04	.250+04	.500	TEMP= 25.0	TAUMX= 3080.1	SIGE= 6151.6							
EP=	-.011803	-.011750	.007045	-.000000	-.000039	.000014	EPPR= .007045	-.011751	-.011803				
SIG=	-6155.5	-6138.3	4.6946	-.19224-01	-6.4045	2.3125	SIGPR= 4.7014	-6138.4	-6155.4				
EL= 59	NODES= 82	88	89	83	118	124	125	119	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	.500	TEMP= 25.0	TAUMX= 3090.3	SIGE= 6170.8							
EP=	-.011803	-.011864	.007047	.000000	.000041	.000012	EPPR= .007047	-.011803	-.011864				
SIG=	-6171.0	-6190.8	-10.154	.36336-02	6.6299	1.9610	SIGPR= -10.146	-6171.0	-6190.8				
EL= 60	NODES= 83	89	90	84	119	125	126	120	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	.500	TEMP= 25.0	TAUMX= 3073.4	SIGE= 6117.9							
EP=	-.011803	-.011624	.007005	-.000001	-.000035	.000015	EPPR= .007005	-.011624	-.011803				
SIG=	-6143.4	-6085.0	3.4533	-.13031	-5.6776	2.3957	SIGPR= 3.4590	-6085.0	-6143.4				
EL= 61	NODES= 85	91	92	86	121	127	128	122	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	.500	TEMP= 25.0	TAUMX= 3076.9	SIGE= 6152.6							
EP=	-.011774	-.011785	.007045	.000000	-.000036	-.000020	EPPR= .007045	-.011776	-.011783				
SIG=	-6147.1	-6150.6	3.7438	-.13241-01	-5.8962	-3.2363	SIGPR= 3.7505	-6147.7	-6150.0				
EL= 62	NODES= 86	92	93	87	122	128	129	123	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	.500	TEMP= 25.0	TAUMX= 3082.3	SIGE= 6157.7							
EP=	-.011774	-.011817	.007045	-.000000	.000038	-.000020	EPPR= .007045	-.011774	-.011817				
SIG=	-6151.6	-6165.6	-.99420	-.58213-02	6.1684	-3.2466	SIGPR= -.98700	-6151.6	-6165.6				
EL= 63	NODES= 87	93	94	88	123	129	130	124	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	.500	TEMP= 25.0	TAUMX= 3075.4	SIGE= 6147.0							
EP=	-.011774	-.011750	.007046	.000000	-.000038	-.000012	EPPR= .007046	-.011751	-.011774				
SIG=	-6142.1	-6134.3	8.7825	.35280-01	-6.1450	-2.0303	SIGPR= 8.7887	-6134.5	-6142.0				
EL= 64	NODES= 88	94	95	89	124	130	131	125	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	.500	TEMP= 25.0	TAUMX= 3090.3	SIGE= 6166.2							
EP=	-.011775	-.011864	.007048	-.000000	.000041	-.000001	EPPR= .007048	-.011775	-.011864				
SIG=	-6157.8	-6186.9	-6.1718	-.31998-01	6.7406	-.20271	SIGPR= -6.1652	-6157.8	-6186.9				

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EL= 65	NODES= 89	95	96	90	125	131	132	126	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	.500		TEMP= 25.0	TAUMX= 3068.9	SIGE= 6113.2							
EP=	-.011775	-.011623	.007005	.000001		-.000032	-.000010	EPPR= .007005	-.011624	-.011775				
SIG=	-6130.4	-6080.9	7.3640	.17529		-5.2835	-1.6269	SIGPR= 7.3683	-6081.0	-6130.4				
EL= 66	NODES= 91	97	98	92	127	133	134	128	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.875+04	.500	.500		TEMP= 25.0	TAUMX= 3084.0	SIGE= 6161.6							
EP=	-.011825	-.011785	.007048	-.000000		-.000035	.000010	EPPR= .007048	-.011785	-.011825				
SIG=	-6170.2	-6157.3	-2.1958	-.35561-01		-5.7999	1.6031	SIGPR= -2.1936	-6157.3	-6170.2				
EL= 67	NODES= 92	98	99	93	128	134	135	129	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	.500		TEMP= 25.0	TAUMX= 3083.7	SIGE= 6166.6							
EP=	-.011825	-.011817	.007047	.000000		.000038	.000008	EPPR= .007047	-.011819	-.011823				
SIG=	-6174.7	-6172.3	-6.9308	.18101-01		6.2265	1.2808	SIGPR= -6.9249	-6172.8	-6174.3				
EL= 68	NODES= 93	99	100	94	129	135	136	130	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	.500		TEMP= 25.0	TAUMX= 3084.0	SIGE= 6156.0							
EP=	-.011825	-.011750	.007048	-.000000		-.000035	.000006	EPPR= .007048	-.011751	-.011825				
SIG=	-6165.3	-6141.0	2.8232	-.53448-01		-5.7798	.94049	SIGPR= 2.8280	-6141.1	-6165.3				
EL= 69	NODES= 94	100	101	95	130	136	137	131	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	.500		TEMP= 25.0	TAUMX= 3090.7	SIGE= 6175.0							
EP=	-.011824	-.011864	.007050	.000001		.000041	.000007	EPPR= .007050	-.011824	-.011863				
SIG=	-6180.5	-6193.4	-12.006	.12248		6.7770	1.2165	SIGPR= -11.999	-6180.5	-6193.4				
EL= 70	NODES= 95	101	102	96	131	137	138	132	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.875+04	.450+04	.500		TEMP= 25.0	TAUMX= 3077.1	SIGE= 6122.3							
EP=	-.011823	-.011624	.007007	-.000001		-.000043	.000012	EPPR= .007007	-.011624	-.011823				
SIG=	-6152.6	-6087.4	1.7018	-.21120		-7.0825	1.9603	SIGPR= 1.7100	-6087.4	-6152.6				
EL= 71	NODES= 97	103	104	98	133	139	140	134	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.112+05	.500	.500		TEMP= 25.0	TAUMX= 3075.1	SIGE= 6142.9							
EP=	-.011739	-.011785	.007033	.000001		-.000035	-.000021	EPPR= .007033	-.011740	-.011785				
SIG=	-6132.5	-6147.5	2.9270	.82593-01		-5.7440	-3.3751	SIGPR= 2.9336	-6132.6	-6147.3				
EL= 72	NODES= 98	104	105	99	134	140	141	135	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.112+05	.150+04	.500		TEMP= 25.0	TAUMX= 3080.3	SIGE= 6148.3							
EP=	-.011739	-.011817	.007033	-.000000		.000036	-.000007	EPPR= .007033	-.011740	-.011817				
SIG=	-6137.0	-6162.5	-1.7834	-.77218-01		5.8147	-1.2038	SIGPR= -1.7783	-6137.1	-6162.4				
EL= 73	NODES= 99	105	106	100	135	141	142	136	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.112+05	.250+04	.500		TEMP= 25.0	TAUMX= 3069.4	SIGE= 6137.3							
EP=	-.011739	-.011750	.007033	.000001		-.000036	.000002	EPPR= .007034	-.011741	-.011749				
SIG=	-6127.6	-6131.2	7.9543	.11222		-5.9504	.32303	SIGPR= 7.9594	-6128.0	-6130.8				
EL= 74	NODES= 100	106	107	101	136	142	143	137	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	.500		TEMP= 25.0	TAUMX= 3098.4	SIGE= 6157.0							
EP=	-.011741	-.011863	.007036	-.000002		.000036	-.000021	EPPR= .007036	-.011741	-.011863				
SIG=	-6143.8	-6183.8	-6.8670	-.25327		5.7631	-3.4673	SIGPR= -6.8601	-6143.8	-6183.7				
EL= 75	NODES= 101	107	108	102	137	143	144	138	MAT= 1	VOL= .5000+06				3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	.500		TEMP= 25.0	TAUMX= 3062.0	SIGE= 6105.2							
EP=	-.011743	-.011627	.006995	.000001		-.000027	-.000024	EPPR= .006995	-.011627	-.011743				
SIG=	-6117.4	-6079.7	6.4944	.13037		-4.4292	-3.9634	SIGPR= 6.4995	-6079.7	-6117.4				

EL= 76	NODES= 109 115 116 117 145 151 152 146	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.125+04 500. .700 TEMP= 25.0	TAUMX= 3077.6	SIGE= 6155.2		
EP=	-.011790 -.011785 .007045 .000000	-.000050 -.000023	EPPR= .007045 -.011788 -.011788		
SIG=	-6154.2 -6152.8 1.6438 .34624-02 -8.2035 -3.7081	SIGPR= 1.6562 -6153.5 -6153.5			
EL= 77	NODES= 110 116 117 111 146 152 153 147	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.125+04 .150+04 .700 TEMP= 25.0	TAUMX= 3082.3	SIGE= 6160.2		
EP=	-.011790 -.011817 .007045 .000000	.000049 -.000019	EPPR= .007045 -.011790 -.011817		
SIG=	-6150.8 -6167.8 -3.0793 -.22448-02 8.0688 -3.0847	SIGPR= -3.0679 -6158.8 -6167.7			
EL= 78	NODES= 111 117 118 112 147 153 154 148	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.125+04 .250+04 .700 TEMP= 25.0	TAUMX= 3077.9	SIGE= 6149.6		
EP=	-.011790 -.011750 .007046 .000000	-.000049 -.000018	EPPR= .007046 -.011751 -.011789		
SIG=	-6149.3 -6136.5 6.6675 .16009-01 -7.9856 -2.9294	SIGPR= 6.6786 -6136.6 -6149.2			
EL= 79	NODES= 112 118 119 113 148 154 155 149	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.125+04 .350+04 .700 TEMP= 25.0	TAUMX= 3090.4	SIGE= 6168.7		
EP=	-.011790 -.011863 .007048 .000000	.000047 -.000020	EPPR= .007048 -.011790 -.011864		
SIG=	-6164.8 -6188.9 -8.2003 .84466-02 7.7012 -3.2423	SIGPR= -8.1898 -6164.8 -6188.9			
EL= 80	NODES= 113 119 120 114 149 155 156 150	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.125+04 .450+04 .700 TEMP= 25.0	TAUMX= 3071.4	SIGE= 6115.8		
EP=	-.011790 -.011624 .007005 .000001	-.000050 -.000019	EPPR= .007005 -.011624 -.011790		
SIG=	-6137.4 -6083.2 5.3576 .11000 -8.2153 -3.0769	SIGPR= 5.3696 -6083.2 -6137.4			
EL= 81	NODES= 115 121 122 116 151 157 158 152	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.375+04 500. .700 TEMP= 25.0	TAUMX= 3080.0	SIGE= 6157.2		
EP=	-.011803 -.011785 .007045 .000000	-.000050 .000017	EPPR= .007045 -.011785 -.011803		
SIG=	-6160.4 -6154.6 -.33353 -.49510-02 -8.2399 2.8284	SIGPR= -.32184 -6154.7 -6160.4			
EL= 82	NODES= 116 122 123 117 152 158 159 153	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.375+04 .150+04 .700 TEMP= 25.0	TAUMX= 3082.2	SIGE= 6162.3		
EP=	-.011803 -.011817 .007045 .000000	.000051 .000025	EPPR= .007045 -.011804 -.011817		
SIG=	-6164.9 -6169.6 -5.0541 .56026-02 8.3052 4.0649	SIGPR= -5.0410 -6165.2 -6169.4			
EL= 83	NODES= 117 123 124 118 153 159 160 154	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.375+04 .250+04 .700 TEMP= 25.0	TAUMX= 3080.1	SIGE= 6151.7		
EP=	-.011803 -.011750 .007046 .000000	-.000051 .000020	EPPR= .007046 -.011751 -.011803		
SIG=	-6155.5 -6138.4 4.6933 -.19186-01 -8.2960 3.2561	SIGPR= 4.7056 -6138.5 -6155.5			
EL= 84	NODES= 118 124 125 119 154 160 161 155	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.375+04 .350+04 .700 TEMP= 25.0	TAUMX= 3090.3	SIGE= 6170.8		
EP=	-.011803 -.011863 .007047 .000000	.000056 .000020	EPPR= .007047 -.011803 -.011863		
SIG=	-6170.9 -6190.8 -10.140 .36716-02 9.1019 3.2164	SIGPR= -10.126 -6171.0 -6190.8			
EL= 85	NODES= 119 125 126 120 155 161 162 156	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.375+04 .450+04 .700 TEMP= 25.0	TAUMX= 3073.4	SIGE= 6117.9		
EP=	-.011803 -.011624 .007005 .000001	-.000056 .000020	EPPR= .007005 -.011624 -.011803		
SIG=	-6143.4 -6085.1 3.4485 -.13028 -9.1282 3.3396	SIGPR= 3.4633 -6085.1 -6143.4			
EL= 86	NODES= 121 127 128 122 157 163 164 158	MAT= 1	VOL= .5000+06	3-D SOLID	45
XC,YC,ZC=	.625+04 500. .700 TEMP= 25.0	TAUMX= 3077.0	SIGE= 6152.6		
EP=	-.011774 -.011785 .007045 .000000	-.000050 -.000024	EPPR= .007045 -.011776 -.011784		
SIG=	-6147.1 -6150.6 3.7322 .13231-01 -9.2163 -3.8511	SIGPR= 3.7449 -6147.5 -6150.3			

EL= 87	NODES= 122 128 129 123 158 164 165 159	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .150+04 .700	TEMP= 25.0	TAUMX= 3082.3	SIGE= 6157.7		
EP=	-.011774 -.011817 .007045	-.000000 .000051 -.000024	EPPR=	.007045 -.011774 -.011817		
SIG=	-6151.6 -6165.6 -.99597	-.59735-02 8.3286 -3.8613	SIGPR=	-.98297 -6151.6 -6165.6		
EL= 88	NODES= 123 129 130 124 159 165 166 160	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .250+04 .700	TEMP= 25.0	TAUMX= 3075.4	SIGE= 6147.1		
EP=	-.011774 -.011750 .007046	-.000000 -.000052 -.000018	EPPR=	.007046 -.011751 -.011774		
SIG=	-6142.2 -6134.4 8.7697	.35289-01 -8.5041 -2.9568	SIGPR=	8.7822 -6134.6 -6142.0		
EL= 89	NODES= 124 130 131 125 160 166 167 161	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .350+04 .700	TEMP= 25.0	TAUMX= 3090.3	SIGE= 6166.2		
EP=	-.011775 -.011863 .007048	-.000000 .000056 -.000013	EPPR=	.007048 -.011775 -.011863		
SIG=	-6157.8 -6186.8 -6.1555	-.31941-01 9.2125 -2.0642	SIGPR=	-6.1417 -6157.8 -6186.8		
EL= 90	NODES= 125 131 132 126 161 167 168 162	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .450+04 .700	TEMP= 25.0	TAUMX= 3068.9	SIGE= 6113.3		
EP=	-.011775 -.011624 .007005	-.000001 -.000052 -.000016	EPPR=	.007005 -.011624 -.011775		
SIG=	-6130.5 -6081.0 7.3432	.17536 -8.4225 -2.5531	SIGPR=	7.3552 -6081.1 -6130.5		
EL= 91	NODES= 127 133 134 128 163 169 170 164	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 500. .700	TEMP= 25.0	TAUMX= 3084.0	SIGE= 6161.6		
EP=	-.011825 -.011785 .007048	-.000000 -.000050 .000016	EPPR=	.007048 -.011785 -.011825		
SIG=	-6170.2 -6157.3 -2.1926	-.35570-01 -8.1979 2.5467	SIGPR=	-2.1813 -6157.4 -6170.2		
EL= 92	NODES= 128 134 135 129 164 170 171 165	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .150+04 .700	TEMP= 25.0	TAUMX= 3083.7	SIGE= 6166.6		
EP=	-.011825 -.011817 .007047	-.000000 .000050 .000027	EPPR=	.007047 -.011818 -.011824		
SIG=	-6174.7 -6172.3 -6.9127	.17987-01 8.1530 4.4063	SIGPR=	-6.8995 -6172.6 -6174.4		
EL= 93	NODES= 129 135 136 130 165 171 172 166	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .250+04 .700	TEMP= 25.0	TAUMX= 3084.0	SIGE= 6156.1		
EP=	-.011825 -.011750 .007048	-.000000 -.000051 .000021	EPPR=	.007048 -.011751 -.011825		
SIG=	-6165.3 -6141.1 2.8040	-.53296-01 -8.2947 3.4425	SIGPR=	2.8165 -6141.1 -6165.3		
EL= 94	NODES= 130 136 137 131 166 172 173 167	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .350+04 .700	TEMP= 25.0	TAUMX= 3090.7	SIGE= 6175.0		
EP=	-.011824 -.011863 .007050	-.000001 .000051 .000019	EPPR=	.007050 -.011824 -.011863		
SIG=	-6180.4 -6193.4 -11.951	.12257 8.3140 3.0952	SIGPR=	-11.939 -6180.5 -6193.3		
EL= 95	NODES= 131 137 138 132 167 173 174 168	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .450+04 .700	TEMP= 25.0	TAUMX= 3077.1	SIGE= 6122.0		
EP=	-.011823 -.011624 .007007	-.000001 -.000059 .000033	EPPR=	.007007 -.011624 -.011823		
SIG=	-6152.6 -6087.5 1.6939	-.21145 -9.5981 5.3977	SIGPR=	1.7132 -6087.5 -6152.6		
EL= 96	NODES= 133 139 140 134 169 175 176 170	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 500. .700	TEMP= 25.0	TAUMX= 3075.2	SIGE= 6143.0		
EP=	-.011739 -.011785 .007033	-.000001 -.000050 -.000024	EPPR=	.007033 -.011740 -.011785		
SIG=	-6132.5 -6147.5 2.9600	.82735-01 -8.2200 -3.9899	SIGPR=	2.9730 -6132.5 -6147.4		
EL= 97	NODES= 134 140 141 135 170 176 177 171	MAT= 1	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 .150+04 .700	TEMP= 25.0	TAUMX= 3080.3	SIGE= 6148.0		
EP=	-.011739 -.011817 .007033	-.000000 .000052 -.000011	EPPR=	.007033 -.011740 -.011817		
SIG=	-6137.0 -6162.4 -1.7597	-.77409-01 8.4475 -1.5186	SIGPR=	-1.7482 -6137.0 -6162.4		

EL= 98	NODES= 135	141	142	136	171	177	178	172	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.112+05	.250+04	.700		TEMP= 25.0	TAUMX= 3069.4		SIGE= 6137.4					
EP=	-.011739	-.011750	.007034	.000001	-.000050	-.000021	EPPR= .007034	-.011740	-.011749				
SIG=	-6127.6	-6131.2	7.9478	.11245	-8.1537	-3.4087	SIGPR= 7.9598	-6127.9	-6130.9				
EL= 99	NODES= 136	142	143	137	172	178	179	173	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	.700		TEMP= 25.0	TAUMX= 3088.4		SIGE= 6157.0					
EP=	-.011741	-.011863	.007036	-.000002	.000044	-.000017	EPPR= .007036	-.011741	-.011863				
SIG=	-6143.8	-6183.7	-6.8443	-.25338	7.2441	-2.8353	SIGPR= -6.8351	-6143.8	-6183.7				
EL= 100	NODES= 137	143	144	138	173	179	180	174	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	.700		TEMP= 25.0	TAUMX= 3062.0		SIGE= 6105.3					
EP=	-.011743	-.011627	.006995	.000001	-.000054	-.000020	EPPR= .006995	-.011628	-.011743				
SIG=	-6117.5	-6079.8	6.5336	.13091	-8.8149	-3.3312	SIGPR= 6.5478	-6079.8	-6117.4				
EL= 101	NODES= 145	151	152	146	181	187	188	182	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.125+04	500.	.900		TEMP= 25.0	TAUMX= 3077.6		SIGE= 6155.2					
EP=	-.011790	-.011785	.007045	.000000	-.000065	-.000027	EPPR= .007045	-.011788	-.011788				
SIG=	-6154.2	-6152.8	1.6392	.4957-02	-10.602	-4.4873	SIGPR= 1.6600	-6153.5	-6153.5				
EL= 102	NODES= 146	152	153	147	182	188	189	183	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	.900		TEMP= 25.0	TAUMX= 3092.3		SIGE= 6160.2					
EP=	-.011790	-.011817	.007045	-.000000	.000067	-.000026	EPPR= .007045	-.011790	-.011817				
SIG=	-6158.8	-6167.7	-3.0693	-.22543-02	11.008	-4.1756	SIGPR= -3.0475	-6158.9	-6167.6				
EL= 103	NODES= 147	153	154	148	183	189	190	184	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	.900		TEMP= 25.0	TAUMX= 3078.0		SIGE= 6149.7					
EP=	-.011790	-.011751	.007046	.000000	-.000063	-.000026	EPPR= .007046	-.011751	-.011789				
SIG=	-6149.4	-6136.6	6.6459	.15990-01	-10.345	-4.1761	SIGPR= 6.6655	-6136.7	-6149.3				
EL= 104	NODES= 148	154	155	149	184	190	191	185	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	.900		TEMP= 25.0	TAUMX= 3090.3		SIGE= 6168.7					
EP=	-.011790	-.011863	.007048	.000000	.000065	-.000027	EPPR= .007048	-.011790	-.011863				
SIG=	-6164.8	-6188.8	-8.1801	.84276-02	10.641	-4.3332	SIGPR= -8.1594	-6164.9	-6188.8				
EL= 105	NODES= 149	155	156	150	185	191	192	186	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	.900		TEMP= 25.0	TAUMX= 3071.4		SIGE= 6115.9					
EP=	-.011790	-.011624	.007005	.000001	-.000066	-.000026	EPPR= .007005	-.011624	-.011790				
SIG=	-6137.4	-6083.3	5.3452	.10996	-10.731	-4.1678	SIGPR= 5.3663	-6083.3	-6137.4				
EL= 106	NODES= 151	157	158	152	187	193	194	188	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	500.	.900		TEMP= 25.0	TAUMX= 3079.9		SIGE= 6157.2					
EP=	-.011803	-.011785	.007045	-.000000	-.000064	.000022	EPPR= .007045	-.011786	-.011802				
SIG=	-6160.4	-6154.7	-3.3432	-.49034-02	-10.482	3.6162	SIGPR= -.31506	-6154.9	-6160.2				
EL= 107	NODES= 152	158	159	153	188	194	195	189	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	.900		TEMP= 25.0	TAUMX= 3082.1		SIGE= 6162.3					
EP=	-.011803	-.011817	.007045	.000000	.000068	.000028	EPPR= .007045	-.011804	-.011816				
SIG=	-6164.9	-6169.6	-5.0397	.56216-02	11.089	4.5411	SIGPR= -5.0170	-6165.3	-6169.3				
EL= 108	NODES= 153	159	160	154	189	195	196	190	MAT= 1	VOL= .5000+06			3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	.900		TEMP= 25.0	TAUMX= 3080.1		SIGE= 6151.7					
EP=	-.011803	-.011751	.007045	-.000000	-.000063	.000026	EPPR= .007046	-.011751	-.011803				
SIG=	-6155.5	-6138.4	4.6676	-.19167-01	-10.343	4.1997	SIGPR= 4.6872	-6138.5	-6155.5				

EL= 109	NODES= 154	160	161	155	190	196	197	191	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	.900		TEMP= 25.0		TAUMX= 3090.3		SIGE= 6170.7								
EP=	-.011803	-.011863	.007047		.000000	.000068	.000023	EPPR= .007047	-.011803	-.011863							
SIG=	-6170.9	-6190.7	-10.124		.37667-02	11.106	3.6925	SIGPR= -10.103	-6170.9	-6190.7							
EL= 110	NODES= 155	161	162	156	191	197	198	192	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	.900		TEMP= 25.0		TAUMX= 3073.5		SIGE= 6118.0								
EP=	-.011803	-.011624	.007005		-.000001	-.000071	.000021	EPPR= .007005	-.011624	-.011803							
SIG=	-6143.5	-6085.2	3.4333		-.13022	-11.644	3.5043	SIGPR= 3.4569	-6085.2	-6143.5							
EL= 111	NODES= 157	163	164	158	193	199	200	194	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.625+04	500.	.900		TEMP= 25.0		TAUMX= 3077.0		SIGE= 6152.6								
EP=	-.011774	-.011785	.007045		.000000	-.000064	-.000039	EPPR= .007045	-.011776	-.011784							
SIG=	-6147.1	-6150.7	3.7244		.13274-01	-10.498	-6.3361	SIGPR= 3.7481	-6147.5	-6150.3							
EL= 112	NODES= 158	164	165	159	194	200	201	195	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	.900		TEMP= 25.0		TAUMX= 3082.3		SIGE= 6157.7								
EP=	-.011774	-.011817	.007045		-.000000	.000064	-.000029	EPPR= .007045	-.011774	-.011817							
SIG=	-6151.6	-6165.6	-.97876		-.61923-02	10.489	-4.7877	SIGPR= -.95789	-6151.6	-6165.6							
EL= 113	NODES= 159	165	166	160	195	201	202	196	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	.900		TEMP= 25.0		TAUMX= 3075.4		SIGE= 6147.1								
EP=	-.011774	-.011751	.007046		.000000	-.000065	-.000031	EPPR= .007046	-.011751	-.011774							
SIG=	-6142.2	-6134.4	8.7452		.35175-01	-10.551	-5.1301	SIGPR= 8.7668	-6134.6	-6142.1							
EL= 114	NODES= 160	166	167	161	196	202	203	197	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	.900		TEMP= 25.0		TAUMX= 3090.3		SIGE= 6166.2								
EP=	-.011775	-.011863	.007047		-.000000	.000074	-.000034	EPPR= .007048	-.011775	-.011863							
SIG=	-6157.8	-6186.7	-.6.1482		-.31884-01	12.152	-5.4842	SIGPR= -6.1201	-6157.8	-6186.7							
EL= 115	NODES= 161	167	168	162	197	203	204	198	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	.900		TEMP= 25.0		TAUMX= 3068.9		SIGE= 6113.4								
EP=	-.011775	-.011624	.007005		.000001	-.000071	-.000023	EPPR= .007005	-.011624	-.011775							
SIG=	-6130.5	-6081.2	7.3317		.17523	-11.562	-3.7910	SIGPR= 7.3554	-6081.2	-6130.5							
EL= 116	NODES= 163	169	170	164	199	205	206	200	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.875+04	500.	.900		TEMP= 25.0		TAUMX= 3083.9		SIGE= 6161.6								
EP=	-.011825	-.011785	.007048		-.000000	-.000065	.000012	EPPR= .007048	-.011786	-.011824							
SIG=	-6170.2	-6157.3	-2.1999		-.35565-01	-10.557	1.9319	SIGPR= -2.1819	-6157.5	-6170.1							
EL= 117	NODES= 164	170	171	165	200	206	207	201	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	.900		TEMP= 25.0		TAUMX= 3083.8		SIGE= 6166.6								
EP=	-.011825	-.011817	.007047		.000000	.000068	.000012	EPPR= .007047	-.011818	-.011824							
SIG=	-6174.7	-6172.3	-.6.8878		.17987-01	11.093	1.9214	SIGPR= -6.8680	-6172.4	-6174.5							
EL= 118	NODES= 165	171	172	166	201	207	208	202	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	.900		TEMP= 25.0		TAUMX= 3084.0		SIGE= 6156.1								
EP=	-.011825	-.011751	.007048		-.000000	-.000062	.000021	EPPR= .007048	-.011751	-.011825							
SIG=	-6165.5	-6141.1	2.7993		-.53466-01	-10.186	3.4511	SIGPR= 2.8174	-6141.2	-6165.3							
EL= 119	NODES= 166	172	173	167	202	208	209	203	MAT= 1	VOL= .5000+06						3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	.900		TEMP= 25.0		TAUMX= 3090.7		SIGE= 6174.9								
EP=	-.011824	-.011863	.007050		.000001	.000063	.000021	EPPR= .007050	-.011824	-.011863							
SIG=	-6180.4	-6193.3	-11.910		.12244	10.318	3.4155	SIGPR= -11.892	-6180.5	-6193.2							

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EL= 120	NODES= 167	173	174	178	203	209	210	204	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	.900		TEMP= 25.0	TAUMX= 3077.2		SIGE= 6122.1						
EP=	-.011823	-.011624	.007007	-.000001		-.000074	.000024	EPPR= .007007	-.011624	-.011823				
SIG=	-6152.6	-6087.6	1.7145	-.21130		-12.114	3.8481	SIGPR= 1.7403	-6087.7	-6152.6				
EL= 121	NODES= 169	175	176	170	205	211	212	206	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	.900		TEMP= 25.0	TAUMX= 3075.2		SIGE= 6143.0						
EP=	-.011739	-.011785	.007033	.000001		-.000064	-.000059	EPPR= .007033	-.011739	-.011785				
SIG=	-6132.5	-6147.5	2.9493	.82740-01		-10.423	-9.5918	SIGPR= 2.9313	-6132.5	-6147.5				
EL= 122	NODES= 170	176	177	171	206	212	213	207	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	.900		TEMP= 25.0	TAUMX= 3080.4		SIGE= 6148.1						
EP=	-.011740	-.011817	.007033	-.000000		.000067	-.000042	EPPR= .007033	-.011740	-.011817				
SIG=	-6137.0	-6162.4	-1.7210	-.77256-01		10.914	-6.7970	SIGPR= -1.6948	-6137.0	-6162.4				
EL= 123	NODES= 171	177	178	172	207	213	214	208	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	.900		TEMP= 25.0	TAUMX= 3069.4		SIGE= 6137.4						
EP=	-.011739	-.011751	.007034	.000001		-.000064	.000002	EPPR= .007034	-.011741	-.011749				
SIG=	-6127.6	-6131.3	7.9429	.11220		-10.513	.34015	SIGPR= 7.9603	-6128.1	-6130.8				
EL= 124	NODES= 172	178	179	173	208	214	215	209	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	.900		TEMP= 25.0	TAUMX= 3088.4		SIGE= 6157.0						
EP=	-.011741	-.011863	.007036	-.000002		.000062	-.000033	EPPR= .007036	-.011741	-.011863				
SIG=	-6143.8	-6183.6	-6.8102	-.25329		10.184	-5.3202	SIGPR= -6.7894	-6143.8	-6183.6				
EL= 125	NODES= 173	179	180	174	209	215	216	210	MAT= 1	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	.900		TEMP= 25.0	TAUMX= 3062.0		SIGE= 6105.3						
EP=	-.011743	-.011628	.006995	.000001		-.000071	-.000039	EPPR= .006995	-.011628	-.011743				
SIG=	-6117.5	-6079.9	6.4953	.13066		-11.642	-6.4392	SIGPR= 6.5237	-6079.9	-6117.5				
EL= 126	NODES= 181	187	188	182	217	223	224	218	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	1.10		TEMP= 25.0	TAUMX= 13.944		SIGE= 24.653						
EP=	.000035	.000040	-.000031	.000000		-.000152	-.000066	EPPR= .000094	.000036	-.000086				
SIG=	12.030	12.718	1.7503	.16454-02		-11.791	-5.0808	SIGPR= 21.127	12.133	-6.7608				
EL= 127	NODES= 182	188	189	183	218	224	225	219	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	1.10		TEMP= 25.0	TAUMX= 13.279		SIGE= 23.823						
EP=	.000035	.000008	-.000032	-.000000		.000153	-.000061	EPPR= .000076	.000030	-.000095				
SIG=	7.1497	2.9285	-3.2462	-.10729-02		11.817	-4.7115	SIGPR= 13.486	6.4175	-13.072				
EL= 128	NODES= 183	189	190	184	219	225	226	220	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	1.10		TEMP= 25.0	TAUMX= 14.953		SIGE= 26.075						
EP=	.000035	.000074	-.000031	.000000		-.000151	-.000060	EPPR= .000116	.000039	-.000077				
SIG=	17.207	23.237	6.9188	.75776-02		-11.707	-4.6379	SIGPR= 29.735	17.799	-17.140				
EL= 129	NODES= 184	190	191	185	220	226	227	221	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	1.10		TEMP= 25.0	TAUMX= 13.756		SIGE= 24.720						
EP=	.000035	-.000038	-.000025	.000000		.000155	-.000063	EPPR= .000065	.000019	-.000112				
SIG=	1.2315	-10.097	-8.1350	.40120-02		11.976	-4.8600	SIGPR= 5.8937	-1.2759	-21.618				
EL= 130	NODES= 185	191	192	186	221	227	228	222	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	1.10		TEMP= 25.0	TAUMX= 26.471		SIGE= 45.864						
EP=	.000035	.000200	-.000099	.000001		-.000153	-.000062	EPPR= .000219	.000041	-.000123				
SIG=	26.009	51.604	5.2698	.52137-01		-11.816	-4.7816	SIGPR= 54.492	26.840	1.5502				

EL= 131	NODES= 187	193	194	188	223	229	230	224	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	500.		1.10		TEMP= 25.0		TAUMX= 13.756		SIGE= 24.052							
EP=	.000022	.000040		-.000032		-.000000		-.000152		.000061	EPPR= .000092		.000024			-.000086	
SIG=	7.9652	10.687		-.34429		-.23035-02		-11.735		4.7013	SIGPR= 18.761		8.2972			-8.7503	
EL= 132	NODES= 188	194	195	189	224	230	231	225	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04		1.10		TEMP= 25.0		TAUMX= 13.335		SIGE= 23.581							
EP=	.000022	.000008		-.000032		.000000		.000153		.000065	EPPR= .000075		.000023			-.000097	
SIG=	3.0898	.89831		-5.3399		.76957-02		11.856		5.0658	SIGPR= 11.301		2.7166			-15.369	
EL= 133	NODES= 189	195	196	190	225	231	232	226	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04		1.10		TEMP= 25.0		TAUMX= 15.222		SIGE= 26.403							
EP=	.000022	.000074		-.000032		-.000000		-.000153		.000064	EPPR= .000117		.000028			-.000080	
SIG=	13.140	21.201		4.8210		-.90652-02		-11.854		4.9778	SIGPR= 27.804		13.999			-2.6400	
EL= 134	NODES= 190	196	197	191	226	232	233	227	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04		1.10		TEMP= 25.0		TAUMX= 13.122		SIGE= 23.461							
EP=	.000022	-.000038		-.000026		.000000		.000152		.000059	EPPR= .000058		.000011			-.000111	
SIG=	-2.7791	-12.104		-10.193		.17761-02		11.753		4.5898	SIGPR= 2.8234		-4.4795			-23.420	
EL= 135	NODES= 191	197	198	192	227	233	234	228	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04		1.10		TEMP= 25.0		TAUMX= 26.707		SIGE= 46.357							
EP=	.000022	.000200		-.000099		-.000001		-.000158		.000062	EPPR= .000220		.000028			-.000125	
SIG=	22.032	49.574		3.2318		-.61739-01		-12.249		4.7962	SIGPR= 52.661		22.929			-.75277	
EL= 136	NODES= 193	199	200	194	229	235	236	230	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	500.		1.10		TEMP= 25.0		TAUMX= 13.923		SIGE= 25.051							
EP=	.000051	.000040		-.000032		.000000		-.000151		-.000063	EPPR= .000095		.000049			-.000085	
SIG=	16.640	14.954		3.9071		.63087-02		-11.724		-4.8896	SIGPR= 23.496		16.355			-4.3502	
EL= 137	NODES= 194	200	201	195	230	236	237	231	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04		1.10		TEMP= 25.0		TAUMX= 13.738		SIGE= 24.991							
EP=	.000051	.000008		-.000032		-.000000		.000155		-.000061	EPPR= .000081		.000042			-.000096	
SIG=	11.753	5.1607		-1.1001		-.29526-02		12.014		-4.7467	SIGPR= 16.462		10.365			-11.013	
EL= 138	NODES= 195	201	202	196	231	237	238	232	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04		1.10		TEMP= 25.0		TAUMX= 15.356		SIGE= 27.093							
EP=	.000051	.000074		-.000032		.000000		-.000156		-.000063	EPPR= .000119		.000053			-.000079	
SIG=	21.821	25.470		9.0680		.16625-01		-12.100		-4.9090	SIGPR= 32.424		22.224			1.7114	
EL= 139	NODES= 196	202	203	197	232	238	239	233	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04		1.10		TEMP= 25.0		TAUMX= 13.904		SIGE= 25.344							
EP=	.000050	-.000038		-.000026		-.000000		.000154		-.000052	EPPR= .000068		.000029			-.000111	
SIG=	5.7650	-7.8958		-6.0311		-.15110-01		11.953		-4.0427	SIGPR= 8.5520		2.5423			-19.256	
EL= 140	NODES= 197	203	204	198	233	239	240	234	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04		1.10		TEMP= 25.0		TAUMX= 26.569		SIGE= 46.027							
EP=	.000050	.000201		-.000099		.000001		-.000156		-.000059	EPPR= .000220		.000054			-.000123	
SIG=	30.461	53.793		7.3265		.82962-01		-12.062		-4.5696	SIGPR= 56.790		31.138			3.6526	
EL= 141	NODES= 199	205	206	200	235	241	242	236	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.875+04	500.		1.10		TEMP= 25.0		TAUMX= 13.419		SIGE= 23.243							
EP=	.000001	.000040		-.000027		-.000000		-.000152		.000050	EPPR= .000091		.000004			-.000082	
SIG=	2.0860	8.1458		-2.1425		-.16798-01		-11.752		3.9031	SIGPR= 16.168		2.5913			-10.670	

EL= 142	NODES= 200	206	207	201	236	242	243	237	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	1.10		TEMP= 25.0		TAUMX= 13.066		SIGE= 22.702					
EP=	.000001	.000008		-.000026	.000000	.000155	.000056	EPPR= .000074	.000001	-.000095				
SIG=	-2.7850	-1.6294		-7.1262	.85288-02	11.966	4.4890	SIGPR= 8.6215	-2.6518	-17.510				
EL= 143	NODES= 201	207	208	202	237	243	244	238	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	1.10		TEMP= 25.0		TAUMX= 15.130		SIGE= 26.250					
EP=	.000000	.000074		-.000027	-.000000	-.000151	.000067	EPPR= .000117	.000009	-.000079				
SIG=	7.2323	18.649		3.0065	-.25347-01	-11.705	5.2139	SIGPR= 25.261	8.6257	-4.9993				
EL= 144	NODES= 202	208	209	203	238	244	245	239	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	1.10		TEMP= 25.0		TAUMX= 12.744		SIGE= 22.376					
EP=	.000001	-.000038		-.000021	.000001	.000154	.000052	EPPR= .000055	-.000003	-.000109				
SIG=	-8.4899	-14.551		-11.924	.58025-01	11.897	4.0154	SIGPR= -.13229	-9.2113	-25.621				
EL= 145	NODES= 203	209	210	204	239	245	246	240	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	1.10		TEMP= 25.0		TAUMX= 26.641		SIGE= 46.530					
EP=	.000002	.000200		-.000094	-.000001	-.000159	.000068	EPPR= .000221	.000010	-.000123				
SIG=	16.556	47.279		1.6091	-.10010	-12.324	5.2546	SIGPR= 50.450	17.827	-2.8324				
EL= 146	NODES= 205	211	212	206	241	247	248	242	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	1.10		TEMP= 25.0		TAUMX= 15.636		SIGE= 29.041					
EP=	.000085	.000040		-.000052	.000001	-.000152	-.000066	EPPR= .000103	.000070	-.000099				
SIG=	24.257	17.165		2.9981	.39051-01	-11.744	-5.1031	SIGPR= 26.949	21.795	-4.3235				
EL= 147	NODES= 206	212	213	207	242	248	249	243	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	1.10		TEMP= 25.0		TAUMX= 15.422		SIGE= 28.288					
EP=	.000085	.000008		-.000053	-.000000	.000152	-.000049	EPPR= .000093	.000054	-.000106				
SIG=	19.380	7.3929		-1.9899	-.36572-01	11.736	-3.7786	SIGPR= 20.578	14.470	-10.265				
EL= 148	NODES= 207	213	214	208	243	249	250	244	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	1.10		TEMP= 25.0		TAUMX= 16.076		SIGE= 29.952					
EP=	.000085	.000074		-.000052	.000001	-.000152	-.000059	EPPR= .000116	.000083	-.000092				
SIG=	29.422	27.667		8.1371	.53246-01	-11.786	-4.5323	SIGPR= 34.140	29.099	1.9869				
EL= 149	NODES= 208	214	215	209	244	250	251	245	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	1.10		TEMP= 25.0		TAUMX= 17.009		SIGE= 30.007					
EP=	.000084	-.000038		-.000045	-.000002	.000154	-.000074	EPPR= .000098	.000025	-.000122				
SIG=	13.109	-5.7105		-6.8208	-.12000	11.907	-5.7376	SIGPR= 15.302	3.9924	-18.716				
EL= 150	NODES= 209	215	216	210	245	251	252	246	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	1.10		TEMP= 25.0		TAUMX= 27.677		SIGE= 48.523					
EP=	.000082	.000197		-.000116	.000001	-.000160	-.000069	EPPR= .000217	.000087	-.000141				
SIG=	37.111	54.881		6.3697	.62018-01	-12.396	-5.3815	SIGPR= 57.950	37.815	2.5963				
EL= 151	NODES= 217	223	224	218	253	259	260	254	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	500.		1.30	TEMP= 25.0		TAUMX= 13.793		SIGE= 24.396					
EP=	.000035	.000040		-.000031	.000000	-.000151	-.000063	EPPR= .000093	.000036	-.000085				
SIG=	12.017	12.697		1.7407	.16544-02	-11.709	-4.6592	SIGPR= 20.964	12.112	-6.6219				
EL= 152	NODES= 218	224	225	219	254	260	261	255	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	1.30		TEMP= 25.0		TAUMX= 13.400		SIGE= 24.030					
EP=	.000035	.000008		-.000032	-.000000	.000154	-.000061	EPPR= .000077	.000031	-.000096				
SIG=	7.1721	2.9822		-3.2230	-.10664-02	11.956	-4.7115	SIGPR= 13.634	6.4635	-13.166				

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EL= 153	NODES= 219	225	226	220	255	261	262	256	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	1.30		TEMP= 25.0		TAUMX= 15.105		SIGE= 26.343								
EP=	.000035	.000074	-.000031		.000000		-.000153		-.000062	EPPR= .000117		.000039		-.000078			
SIG=	17.158	23.141	6.8775		.75666-02		-11.664		-4.7856	SIGPR= 29.808		17.771		-.40290			
EL= 154	NODES= 220	226	227	221	256	262	263	257	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	1.30		TEMP= 25.0		TAUMX= 13.803		SIGE= 24.884								
EP=	.000035	-.000037		-.000025		.000000	.000157		-.000060	EPPR= .000065		.000020		-.000113			
SIG=	1.2855	-9.9701		-8.0891		.39939-02	12.188		-4.6385	SIGPR= 5.9104		-.98877		-21.695			
EL= 155	NODES= 221	227	228	222	257	263	264	258	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	1.30		TEMP= 25.0		TAUMX= 26.370		SIGE= 45.690								
EP=	.000035	.000200		-.000099		.000001	-.000152		-.000061	EPPR= .000218		.000040		-.000122			
SIG=	25.946	51.447		5.2447		.52146-01	-11.751		-4.7078	SIGPR= 54.311		26.755		1.5709			
EL= 156	NODES= 223	229	230	224	259	265	266	260	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	500.		1.30		TEMP= 25.0	TAUMX= 13.709		SIGE= 23.975								
EP=	.000022	.000040		-.000032		-.000000	-.000151		.000061	EPPR= .000091		.000024		-.000086			
SIG=	7.9642	10.671		-.34907		-.23057-02	-11.670		4.7346	SIGPR= 18.702		8.3016		-8.7169			
EL= 157	NODES= 224	230	231	225	260	266	267	261	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	1.30		TEMP= 25.0		TAUMX= 13.316		SIGE= 23.553								
EP=	.000022	.000008		-.000032		.000000	.000153		.000064	EPPR= .000075		.000020		-.000097			
SIG=	3.1258	.95898		-5.3091		.26867-02	11.883		4.9515	SIGPR= 11.318		2.7721		-15.315			
EL= 158	NODES= 225	231	232	226	261	267	268	262	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	1.30		TEMP= 25.0		TAUMX= 14.953		SIGE= 25.928								
EP=	.000022	.000074		-.000032		-.000000	-.000151		.000058	EPPR= .000115		.000027		-.000078			
SIG=	13.103	21.110		4.7837		-.91418-02	-11.715		4.4941	SIGPR= 27.540		13.823		-2.3658			
EL= 159	NODES= 226	232	233	227	262	268	269	263	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	1.30		TEMP= 25.0		TAUMX= 13.044		SIGE= 23.256								
EP=	.000022	-.000038		-.000026		.000000	.000149		.000063	EPPR= .000059		.000010		-.000110			
SIG=	-2.7128	-11.971		-10.142		.18031-02	11.522		4.8447	SIGPR= 2.9294		-4.5983		-23.157			
EL= 160	NODES= 227	233	234	228	263	269	270	264	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	1.30		TEMP= 25.0		TAUMX= 26.554		SIGE= 46.102								
EP=	.000022	.000200		-.000099		-.000001	-.000157		.000058	EPPR= .000219		.000027		-.000124			
SIG=	21.984	49.425		3.2166		-.61712-01	-12.185		4.4605	SIGPR= 52.484		22.766		-.62416			
EL= 161	NODES= 229	235	236	230	265	271	272	266	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	500.		1.30		TEMP= 25.0	TAUMX= 13.718		SIGE= 24.719								
EP=	.000051	.000040		-.000032		.000000	-.000150		-.000059	EPPR= .000093		.000049		-.000084			
SIG=	16.609	14.920		3.8803		.63786-02	-11.622		-4.5609	SIGPR= 23.248		16.349		-4.1876			
EL= 162	NODES= 230	236	237	231	266	272	273	267	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	1.30		TEMP= 25.0		TAUMX= 13.743		SIGE= 24.900								
EP=	.000050	.000008		-.000032		-.000000	.000152		-.000067	EPPR= .000082		.000040		-.000096			
SIG=	11.765	5.2105		-1.0782		-.28670-02	11.783		-5.1564	SIGPR= 16.606		10.172		-10.880			
EL= 163	NODES= 231	237	238	232	267	273	274	268	MAT= 2	VOL= .5000+06							3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	1.30		TEMP= 25.0		TAUMX= 15.194		SIGE= 26.834								
EP=	.000051	.000074		-.000032		.000000	-.000153		-.000067	EPPR= .000118		.000053		-.000078			
SIG=	21.765	25.372		9.0311		.16688-01	-11.614		-5.1710	SIGPR= 32.168		22.219		1.7810			

EL= 164	NODES= 232 238 239 233 268 274 275 269	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .350+04 1.30	TEMP= 25.0	TAUMX= 14.393	SIGE= 25.705		
EP=	.000050 -.000037 -.000026 -.000000 .000150 -.000071	EPPR=	.000075 .000023 -.000111			
SIG=	5.8099 -7.7717 -5.9838 -.15110-01 11.643 -5.4865	SIGPR=	9.6563 1.5279 -19.130			
EL= 165	NODES= 233 239 240 234 269 275 276 270	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.625+04 .450+04 1.30	TEMP= 25.0	TAUMX= 26.461	SIGE= 45.845		
EP=	.000050 .000200 -.000099 .000001 -.000153 -.000062	EPPR=	.000219 .000055 -.000123			
SIG=	30.382 53.626 7.2682 .83052-01 -11.851 -4.8314	SIGPR=	56.538 31.143 3.6150			
EL= 166	NODES= 235 241 242 236 271 277 278 272	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 500. 1.30	TEMP= 25.0	TAUMX= 13.508	SIGE= 23.397		
EP=	.000001 .000040 -.000027 -.000000 -.000150 .000058	EPPR=	.000091 .000005 -.000083			
SIG=	2.1001 8.1382 -2.1373 -.16819-01 -11.632 4.5272	SIGPR=	16.173 2.7698 -10.842			
EL= 167	NODES= 236 242 243 237 272 278 279 273	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .150+04 1.30	TEMP= 25.0	TAUMX= 12.887	SIGE= 22.394		
EP=	.000001 .000008 -.000028 .000000 .000151 .000060	EPPR=	.000073 .000002 -.000093			
SIG=	-2.7327 -1.5591 -7.0827 .85017-02 11.700 4.6701	SIGPR=	8.4905 -2.5816 -17.283			
EL= 168	NODES= 237 243 244 238 273 279 280 274	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .250+04 1.30	TEMP= 25.0	TAUMX= 14.527	SIGE= 25.273		
EP=	.000000 .000074 -.000027 -.000000 -.000149 .000049	EPPR=	.000115 .000006 -.000073			
SIG=	7.2198 18.575 2.9979 -.25352-01 -11.567 3.7701	SIGPR=	24.917 8.0119 -4.1363			
EL= 169	NODES= 238 244 245 239 274 280 281 275	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .350+04 1.30	TEMP= 25.0	TAUMX= 13.166	SIGE= 23.058		
EP=	.000001 -.000037 -.000021 .000001 .000156 .000060	EPPR=	.000059 -.000004 -.000111			
SIG=	-8.4133 -14.415 -11.872 .58043-01 12.109 4.6396	SIGPR=	.46030 -9.2895 -25.871			
EL= 170	NODES= 239 245 246 240 275 281 282 276	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.875+04 .450+04 1.30	TEMP= 25.0	TAUMX= 26.589	SIGE= 46.375		
EP=	.000002 .000200 -.000094 -.000001 -.000154 .000076	EPPR=	.000219 .000012 -.000124			
SIG=	16.510 47.125 1.5766 -.10012 -11.965 5.8789	SIGPR=	50.146 18.098 -3.0318			
EL= 171	NODES= 241 247 248 242 277 283 284 278	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 500. 1.30	TEMP= 25.0	TAUMX= 15.402	SIGE= 28.694		
EP=	.000085 .000040 -.000052 .000001 -.000150 -.000062	EPPR=	.000101 .000070 -.000098			
SIG=	24.218 17.132 2.9771 .38995-01 -11.606 -4.7744	SIGPR=	26.656 21.819 -4.1486			
EL= 172	NODES= 242 248 249 243 278 284 285 279	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 .150+04 1.30	TEMP= 25.0	TAUMX= 15.551	SIGE= 28.365		
EP=	.000085 .000008 -.000053 -.000000 .000150 -.000056	EPPR=	.000095 .000052 -.000106			
SIG=	19.383 7.4415 -1.9634 -.36594-01 11.616 -4.3361	SIGPR=	20.875 14.214 -10.228			
EL= 173	NODES= 243 249 250 244 279 285 286 280	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 .250+04 1.30	TEMP= 25.0	TAUMX= 15.876	SIGE= 29.662		
EP=	.000085 .000074 -.000052 .000001 -.000152 -.000050	EPPR=	.000114 .000084 -.000091			
SIG=	29.364 27.575 8.1184 .53273-01 -11.796 -3.9081	SIGPR=	33.854 29.100 2.1027			
EL= 174	NODES= 244 250 251 245 280 286 287 281	MAT= 2	VOL= .5000+06	3-D SOLID 45		
XC,YC,ZC=	.112+05 .350+04 1.30	TEMP= 25.0	TAUMX= 16.812	SIGE= 29.698		
EP=	.000084 -.000037 -.000045 -.000002 .000153 -.000070	EPPR=	.000096 .000026 -.000121			
SIG=	13.131 -5.6030 -6.7998 -.11293 11.823 -5.4088	SIGPR=	15.110 4.1320 -18.514			

EL= 175	NODES= 245	251	252	246	281	287	288	282	MAT= 2	VOL= .5000+06			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	1.30		TEMP= 25.0	TAUMX= 27.524		SIGE= 48.269						
EP=	.000082	.000196	-.000116		.000001	-.000157		-.000069	EPPR= .000215	.000086		-.000140		
SIG=	37.009	54.699	6.3066		.62244-01	-12.184		-5.3479	SIGPR= 57.677	37.709		2.6282		
EL= 176	NODES= 253	259	260	254	289	295	296	290	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	1.80		TEMP= 25.0	TAUMX= 13.620		SIGE= 24.135						
EP=	.000035	.000039	-.000031		.000000	-.000148		-.000063	EPPR= .000092	.000034		-.000084		
SIG=	11.983	12.643	1.7140		.16589-02	-11.488		-4.9145	SIGPR= 20.750	12.080		-6.4906		
EL= 177	NODES= 254	260	261	255	290	296	297	291	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	1.80		TEMP= 25.0	TAUMX= 13.115		SIGE= 23.519						
EP=	.000035	.000009	-.000032		-.000000	.000149		-.000063	EPPR= .000076	.000033		-.000094		
SIG=	7.2307	3.1179	-3.1590		-.10684-02	11.557		-4.8406	SIGPR= 13.481	6.4580		-12.749		
EL= 178	NODES= 255	261	262	256	291	297	298	292	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	1.80		TEMP= 25.0	TAUMX= 14.919		SIGE= 26.027						
EP=	.000035	.000073	-.000031		.000000	-.000151		-.000062	EPPR= .000115	.000039		-.000077		
SIG=	17.035	22.899	6.7693		.75416-02	-11.680		-4.7670	SIGPR= 29.447	17.648		-3.9054		
EL= 179	NODES= 256	262	263	257	292	298	299	293	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	1.80		TEMP= 25.0	TAUMX= 13.608		SIGE= 24.458						
EP=	.000035	-.000036	-.000026		.000000	.000153		-.000062	EPPR= .000065	.000019		-.000111		
SIG=	1.4189	-9.6571	-7.9755		.39759-02	11.854		-4.8230	SIGPR= 6.0264	-1.0500		-21.190		
EL= 180	NODES= 257	263	264	258	293	299	300	294	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	1.80		TEMP= 25.0	TAUMX= 26.419		SIGE= 45.773						
EP=	.000035	.000198	-.000098		.000001	-.000157		-.000061	EPPR= .000218	.000040		-.000123		
SIG=	25.789	51.058	5.1816		.52128-01	-12.162		-4.7446	SIGPR= 54.134	26.600		1.2951		
EL= 181	NODES= 259	265	266	260	295	301	302	296	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	1.80		TEMP= 25.0	TAUMX= 13.554		SIGE= 23.714						
EP=	.000022	.000039	-.000032		-.000000	-.000148		.000061	EPPR= .000090	.000024		-.000085		
SIG=	7.9610	10.632	-.36203		-.23148-02	-11.487		4.7571	SIGPR= 18.517	8.3055		-8.5918		
EL= 182	NODES= 260	266	267	261	296	302	303	297	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	1.80		TEMP= 25.0	TAUMX= 12.995		SIGE= 23.005						
EP=	.000022	.000009	-.000032		.000000	.000149		.000063	EPPR= .000073	.000020		-.000095		
SIG=	3.2146	1.1087	-5.2328		.26551-02	11.559		4.8449	SIGPR= 11.107	2.8664		-14.883		
EL= 183	NODES= 261	267	268	262	297	303	304	298	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	1.80		TEMP= 25.0	TAUMX= 14.907		SIGE= 25.858						
EP=	.000022	.000073	-.000032		-.000000	-.000150		.000061	EPPR= .000114	.000027		-.000078		
SIG=	13.012	20.884	4.6901		-.90968-02	-11.605		4.7566	SIGPR= 27.294	13.810		-2.5191		
EL= 184	NODES= 262	268	269	263	298	304	305	299	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	1.80		TEMP= 25.0	TAUMX= 13.169		SIGE= 23.487						
EP=	.000022	-.000036	-.000026		.000000	.000151		.000062	EPPR= .000060	.000011		-.000110		
SIG=	-2.5478	-11.643	-10.014		.18031-02	11.706		4.8304	SIGPR= 3.2343	-4.3350		-23.104		
EL= 185	NODES= 263	269	270	264	299	305	306	300	MAT= 2	VOL= .2000+07			3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	1.80		TEMP= 25.0	TAUMX= 26.407		SIGE= 45.830						
EP=	.000022	.000198	-.000098		-.000001	-.000155		.000062	EPPR= .000217	.000028		-.000123		
SIG=	21.861	49.054	3.1722		-.61721-01	-12.040		4.7793	SIGPR= 52.070	22.760		-7.4323		

EL= 186	NODES= 265	271	272	266	301	307	308	302	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	500.	1.80	TEMP=	25.0	TAUMX=	13.671	SIGE=	24.626					
EP=	.000050	.000039	-.000032		.000000	-.000148	-.000062	EPPR=	.000093	.000049	-.000083			
SIG=	16.546	14.854	3.8456		.62929-02	-11.471	-4.7968	SIGPR=	23.166	16.257	-4.1772			
EL= 187	NODES= 266	272	273	267	302	308	309	303	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	1.80	TEMP=	25.0	TAUMX=	13.404	SIGE=	24.372					
EP=	.000050	.000009	-.000032		-.000000	.000149	-.000062	EPPR=	.000079	.000041	-.000094			
SIG=	11.791	5.3302	-1.0301		-.28084-02	11.569	-4.8013	SIGPR=	16.297	10.306	-10.512			
EL= 188	NODES= 267	273	274	268	303	309	310	304	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	1.80	TEMP=	25.0	TAUMX=	14.925	SIGE=	26.374					
EP=	.000050	.000073	-.000032		.000000	-.000150	-.000064	EPPR=	.000116	.000053	-.000077			
SIG=	21.609	25.114	8.9044		.16679-01	-11.612	-4.9269	SIGPR=	31.726	22.025	1.8759			
EL= 189	NODES= 268	274	275	269	304	310	311	305	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	1.80	TEMP=	25.0	TAUMX=	14.139	SIGE=	25.413					
EP=	.000050	-.000036	-.000026		-.000000	.000151	-.000064	EPPR=	.000073	.000025	-.000110			
SIG=	5.9090	-7.4769	-5.8902		-.15182-01	11.702	-4.9837	SIGPR=	9.3912	2.0380	-18.887			
EL= 190	NODES= 269	275	276	270	305	311	312	306	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	1.80	TEMP=	25.0	TAUMX=	26.418	SIGE=	45.768					
EP=	.000050	.000198	-.000099		.000001	-.000157	-.000060	EPPR=	.000218	.000054	-.000123			
SIG=	30.195	53.223	7.2123		.82944-01	-12.149	-4.6233	SIGPR=	56.289	30.886	3.4540			
EL= 191	NODES= 271	277	278	272	307	313	314	308	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	500.	1.80	TEMP=	25.0	TAUMX=	13.456	SIGE=	23.308					
EP=	.000001	.000039	-.000027		-.000000	-.000148	.000062	EPPR=	.000091	.000006	-.000083			
SIG=	2.1278	8.1125	-2.1389		-.16927-01	-11.480	4.7713	SIGPR=	16.071	2.8710	-10.841			
EL= 192	NODES= 272	278	279	273	308	314	315	309	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	1.80	TEMP=	25.0	TAUMX=	12.792	SIGE=	22.233					
EP=	.000001	.000009	-.000028		.000000	.000149	.000062	EPPR=	.000073	.000002	-.000093			
SIG=	-2.6189	-1.4013	-7.0069		.84882-02	11.533	4.8036	SIGPR=	8.5038	-2.4501	-17.081			
EL= 193	NODES= 273	279	280	274	309	315	316	310	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	1.80	TEMP=	25.0	TAUMX=	14.939	SIGE=	25.921					
EP=	.000001	.000073	-.000027		-.000000	-.000150	.000065	EPPR=	.000115	.000009	-.000078			
SIG=	7.1506	18.354	2.8980		-.25379-01	-11.623	5.0112	SIGPR=	24.918	8.4443	-4.9599			
EL= 194	NODES= 274	280	281	275	310	316	317	311	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	1.80	TEMP=	25.0	TAUMX=	12.954	SIGE=	22.673					
EP=	.000001	-.000036	-.000021		.000001	.000153	.000062	EPPR=	.000058	-.000005	-.000109			
SIG=	-8.2193	-14.075	-11.735		.57988-01	11.812	4.8099	SIGPR=	.52228	-9.1660	-25.385			
EL= 195	NODES= 275	281	282	276	311	317	318	312	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.450+04	1.80	TEMP=	25.0	TAUMX=	26.250	SIGE=	45.866					
EP=	.000002	.000198	-.000094		-.000001	-.000156	.000063	EPPR=	.000218	.000010	-.000121			
SIG=	16.417	46.767	1.5420		-.10015	-12.079	4.9053	SIGPR=	49.841	17.543	-2.6585			
EL= 196	NODES= 277	283	284	278	313	319	320	314	MAT= 2	VOL= .2000+07				3-D SOLID 45
XC,YC,ZC=	.112+05	500.	1.80	TEMP=	25.0	TAUMX=	15.417	SIGE=	28.636					
EP=	.000085	.000039	-.000052		.000001	-.000148	-.000065	EPPR=	.000102	.000069	-.000098			
SIG=	24.134	17.061	2.9522		.39105-01	-11.486	-5.0104	SIGPR=	26.685	21.611	-4.1485			

EL= 197	NODES= 278	284	285	279	314	320	321	315	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	1.80	TEMP=	25.0	TAUMX=	15.575	SIGE=	28.350				
EP=	.000085	.000009	-.000052		-.000000	.000149	-.000059	EPPR=	.000096	.000051	-.000106		
SIG=	19.388	7.5572	-1.9062		-.36504-01	11.543	-4.5719	SIGPR=	21.015	14.159	-10.135		
EL= 198	NODES= 279	285	286	280	315	321	322	316	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	1.80	TEMP=	25.0	TAUMX=	16.065	SIGE=	29.883				
EP=	.000085	.000073	-.000052		.000001	-.000149	-.000066	EPPR=	.000116	.000082	-.000092		
SIG=	29.180	27.306	-7.9890		.53318-01	-11.575	-5.1042	SIGPR=	33.925	28.755	1.7949		
EL= 199	NODES= 280	286	287	281	316	322	323	317	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	1.80	TEMP=	25.0	TAUMX=	16.522	SIGE=	29.309				
EP=	.000083	-.000036	-.000045		-.000002	.000153	-.000061	EPPR=	.000094	.000028	-.000120		
SIG=	13.213	-5.3067	-6.6854		-.12000	11.641	-4.7584	SIGPR=	14.818	4.6284	-18.225		
EL= 200	NODES= 281	287	288	282	317	323	324	318	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.450+04	1.80	TEMP=	25.0	TAUMX=	27.281	SIGE=	47.855				
EP=	.000082	.000195	-.000116		.000001	-.000155	-.000068	EPPR=	.000213	.000086	-.000139		
SIG=	36.805	54.297	6.2514		.62199-01	-12.003	-5.2876	SIGPR=	57.211	37.496	2.6481		
EL= 201	NODES= 289	295	296	290	325	331	332	326	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	500.	2.60	TEMP=	25.0	TAUMX=	13.346	SIGE=	23.642				
EP=	.000035	.000039	-.000031		.000000	-.000145	-.000062	EPPR=	.000093	.000036	-.000082		
SIG=	11.929	12.557	1.6722		.16566-02	-11.212	-4.8221	SIGPR=	20.414	12.023	-6.2786		
EL= 202	NODES= 290	296	297	291	326	332	333	327	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.150+04	2.60	TEMP=	25.0	TAUMX=	12.782	SIGE=	22.947				
EP=	.000035	.000009	-.000032		-.000000	.000145	-.000061	EPPR=	.000074	.000030	-.000091		
SIG=	7.3218	3.3309	-3.0602		-.10503-02	11.205	-4.7482	SIGPR=	13.302	6.5526	-12.262		
EL= 203	NODES= 291	297	298	292	327	333	334	328	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.250+04	2.60	TEMP=	25.0	TAUMX=	14.722	SIGE=	25.700				
EP=	.000035	.000072	-.000031		.000000	-.000148	-.000062	EPPR=	.000113	.000039	-.000077		
SIG=	16.842	22.519	6.6002		.75686-02	-11.497	-4.7854	SIGPR=	28.974	17.457	-4.6980		
EL= 204	NODES= 292	298	299	293	328	334	335	329	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.350+04	2.60	TEMP=	25.0	TAUMX=	13.319	SIGE=	23.963				
EP=	.000035	-.000035	-.000026		.000000	.000150	-.000061	EPPR=	.000064	.000019	-.000108		
SIG=	1.6298	-9.1627	-7.7953		.39759-02	11.613	-4.6937	SIGPR=	6.0488	-.78733	-20.590		
EL= 205	NODES= 293	299	300	294	329	335	336	330	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.450+04	2.60	TEMP=	25.0	TAUMX=	26.076	SIGE=	45.175				
EP=	.000035	.000196	-.000097		.000001	-.000154	-.000061	EPPR=	.000215	.000040	-.000122		
SIG=	25.542	50.443	5.0836		.52110-01	-11.907	-4.7446	SIGPR=	53.430	26.362	1.2773		
EL= 206	NODES= 295	301	302	296	331	337	338	332	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	500.	2.60	TEMP=	25.0	TAUMX=	13.271	SIGE=	23.232				
EP=	.000022	.000039	-.000032		-.000000	-.000145	.000060	EPPR=	.000088	.000024	-.000083		
SIG=	7.9577	10.571	-.37966		-.23193-02	-11.206	4.6503	SIGPR=	18.198	8.2947	-8.3441		
EL= 207	NODES= 296	302	303	297	332	338	339	333	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.150+04	2.60	TEMP=	25.0	TAUMX=	12.675	SIGE=	22.463				
EP=	.000022	.000009	-.000032		.000000	.000146	.000060	EPPR=	.000071	.000020	-.000092		
SIG=	3.3559	1.3461	-5.1103		.26776-02	11.271	4.6460	SIGPR=	10.955	3.0323	-14.396		

EL= 208	NODES= 297	303	304	298	333	339	340	334	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.775+04	.250+04	2.60	TEMP=	25.0	TAUMX=	14.716	SIGE=	25.536				
EP=	.000022	.000072	-.000031	-.000000	-.000147	.000062	EPPR=	.000113	.000028	-.000077			
SIG=	12.870	20.528	4.5451	-.90787-02	-11.422	4.7976	SIGPR=	26.847	13.681	-2.5854			
EL= 209	NODES= 298	304	305	299	334	340	341	335	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	2.60	TEMP=	25.0	TAUMX=	13.047	SIGE=	23.281				
EP=	.000022	-.000035	-.000026	.000000	.000150	.000061	EPPR=	.000059	.000011	-.000109			
SIG=	-2.2867	-11.124	-9.8099	.18031-02	11.631	4.7607	SIGPR=	3.4392	-4.0058	-22.654			
EL= 210	NODES= 299	305	306	300	335	341	342	336	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	2.60	TEMP=	25.0	TAUMX=	26.097	SIGE=	45.239				
EP=	.000023	.000196	-.000097	-.000001	-.000154	.000061	EPPR=	.000215	.000028	-.000122			
SIG=	21.664	48.464	3.0973	-.61721-01	-11.896	4.6918	SIGPR=	51.441	22.537	-7.5365			
EL= 211	NODES= 301	307	308	302	337	343	344	338	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	2.60	TEMP=	25.0	TAUMX=	13.505	SIGE=	24.332				
EP=	.000050	.000039	-.000032	.000000	-.000145	-.000064	EPPR=	.000092	.000048	-.000082			
SIG=	16.443	14.745	3.7821	.62320-02	-11.204	-4.9589	SIGPR=	22.928	16.124	-4.0822			
EL= 212	NODES= 302	308	309	303	338	344	345	339	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	2.60	TEMP=	25.0	TAUMX=	13.297	SIGE=	24.123				
EP=	.000050	.000009	-.000032	-.000000	.000146	-.000065	EPPR=	.000079	.000040	-.000092			
SIG=	11.834	5.5208	-.95065	-.27948-02	11.319	-5.0001	SIGPR=	16.372	10.254	-10.221			
EL= 213	NODES= 303	309	310	304	339	345	346	340	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	2.60	TEMP=	25.0	TAUMX=	14.778	SIGE=	26.138				
EP=	.000050	.000072	-.000032	.000000	-.000148	-.000065	EPPR=	.000114	.000053	-.000077			
SIG=	21.367	24.711	8.7156	.16679-01	-11.447	-5.0521	SIGPR=	31.277	21.796	1.7213			
EL= 214	NODES= 304	310	311	305	340	346	347	341	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	2.60	TEMP=	25.0	TAUMX=	14.033	SIGE=	25.232				
EP=	.000050	-.000035	-.000026	-.000000	.000150	-.000064	EPPR=	.000072	.000025	-.000109			
SIG=	6.0698	-7.0062	-5.7327	-.15092-01	11.646	-4.9611	SIGPR=	9.5531	2.2911	-18.513			
EL= 215	NODES= 305	311	312	306	341	347	348	342	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	2.60	TEMP=	25.0	TAUMX=	26.108	SIGE=	45.236				
EP=	.000050	.000196	-.000098	.000001	-.000154	-.000062	EPPR=	.000215	.000054	-.000122			
SIG=	29.899	52.585	7.0938	.82935-01	-11.894	-4.8215	SIGPR=	55.567	30.658	3.3519			
EL= 216	NODES= 307	313	314	308	343	349	350	344	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	2.60	TEMP=	25.0	TAUMX=	13.164	SIGE=	22.803				
EP=	.000001	.000039	-.000027	-.000000	-.000145	.000060	EPPR=	.000089	.000006	-.000081			
SIG=	2.1701	6.0701	-2.1455	-.16931-01	-11.200	4.6461	SIGPR=	15.764	2.8956	-10.564			
EL= 217	NODES= 308	314	315	309	344	350	351	345	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	2.60	TEMP=	25.0	TAUMX=	12.577	SIGE=	21.862				
EP=	.000001	.000009	-.000028	.000000	.000146	.000061	EPPR=	.000071	.000002	-.000091			
SIG=	-2.4303	-1.1436	-6.8699	.85243-02	11.301	4.7524	SIGPR=	8.4795	-2.2492	-16.674			
EL= 218	NODES= 309	315	316	310	345	351	352	346	MAT= 2	VOL= .2000+07	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	2.60	TEMP=	25.0	TAUMX=	14.664	SIGE=	25.441				
EP=	.000001	.000072	-.000027	-.000000	-.000147	.000063	EPPR=	.000113	.000009	-.000076			
SIG=	7.0557	18.019	2.7684	-.25338-01	-11.402	4.8859	SIGPR=	24.435	8.3024	-4.8934			

EL= 219	NODES= 310 316 317 311 346 352	353 347	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.875+04 .350+04 2.60	TEMP= 25.0	TAUMX= 12.661	SIGE= 22.158			
EP=	.000002 -.000035 -.000022	.000001 .000148 .000062	EPPR=	.000057 -.000004 -.000107			
SIG=	-7.9116 -13.536 -11.518	.58151-01 11.497 4.8325	SIGPR=	.61528 -8.8739 -24.707			
EL= 220	NODES= 311 317 316 312 347 353	354 348	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.875+04 .450+04 2.60	TEMP= 25.0	TAUMX= 26.034	SIGE= 45.471			
EP=	.000003 .000196 -.000093	-.000001 -.000156 .000064	EPPR=	.000216 .000010 -.000120			
SIG=	16.268 46.198 -1.4840	-.10022 -12.082 4.9286	SIGPR=	49.306 17.405 -2.7611			
EL= 221	NODES= 313 319 320 314 349 355	356 350	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.112+05 500. 2.60	TEMP= 25.0	TAUMX= 15.003	SIGE= 27.988			
EP=	.000085 .000039 -.000052	.000001 -.000145 -.000058	EPPR=	.000099 .000069 -.000095			
SIG=	23.994 16.943 2.8992	.39099-01 -11.201 -4.5078	SIGPR=	26.150 21.542 -3.8559			
EL= 222	NODES= 314 320 321 315 350 356	357 351	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.112+05 .150+04 2.60	TEMP= 25.0	TAUMX= 15.651	SIGE= 28.320			
EP=	.000085 .000009 -.000052	-.000000 .000146 -.000067	EPPR=	.000097 .000049 -.000105			
SIG=	19.390 7.7354 -1.8237	-.36540-01 11.299 -5.1770	SIGPR=	21.354 13.896 -9.9485			
EL= 223	NODES= 315 321 322 316 351 357	358 352	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.112+05 .250+04 2.60	TEMP= 25.0	TAUMX= 15.778	SIGE= 29.427			
EP=	.000085 .000072 -.000051	.000001 -.000148 -.000061	EPPR=	.000113 .000082 -.000090			
SIG=	28.904 26.897 7.8148	.53246-01 -11.428 -4.7494	SIGPR=	33.346 23.479 1.7896			
EL= 224	NODES= 316 322 323 317 352 358	359 353	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.112+05 .350+04 2.60	TEMP= 25.0	TAUMX= 16.264	SIGE= 28.799			
EP=	.000083 -.000034 -.000045	-.000002 .000149 -.000062	EPPR=	.000093 .000027 -.000117			
SIG=	13.341 -4.8415 -6.5114	-.11986 11.507 -4.7727	SIGPR=	14.932 4.6524 -17.596			
EL= 225	NODES= 317 323 324 318 353 359	360 354	MAT= 2	VOL= .2000+07			3-D SOLID 45
XC,YC,ZC=	.112+05 .450+04 2.60	TEMP= 25.0	TAUMX= 27.018	SIGE= 47.381			
EP=	.000081 .000192 -.000115	.000001 -.000156 -.000062	EPPR=	.000211 .000085 -.000137			
SIG=	36.475 53.654 6.1471	.62325-01 -12.117 -4.7842	SIGPR=	56.636 37.040 2.5999			
EL= 226	NODES= 325 331 332 326 361 367	368 362	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04 500. 4.00	TEMP= 25.0	TAUMX= 12.890	SIGE= 22.871			
EP=	.000035 .000039 -.000031	.000000 -.000139 -.000061	EPPR=	.000087 .000036 -.000080			
SIG=	11.838 12.412 -1.6016	.16589-02 -10.742 -4.6880	SIGPR=	19.853 11.925 -5.9266			
EL= 227	NODES= 326 332 333 327 362 368	369 363	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04 .150+04 4.00	TEMP= 25.0	TAUMX= 12.443	SIGE= 22.354			
EP=	.000035 .000011 -.000032	-.000000 .000140 -.000061	EPPR=	.000072 .000030 -.000089			
SIG=	7.4747 3.6891 -2.8936	-.10548-02 10.813 -4.7019	SIGPR=	13.222 6.7128 -11.664			
EL= 228	NODES= 327 333 334 328 363 369	370 364	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04 .250+04 4.00	TEMP= 25.0	TAUMX= 14.224	SIGE= 24.858			
EP=	.000035 .000070 -.000031	.000000 -.000142 -.000060	EPPR=	.000109 .000039 -.000074			
SIG=	16.515 21.876 6.3133	.75506-02 -11.028 -4.6744	SIGPR=	28.020 17.112 -4.4273			
EL= 229	NODES= 328 334 335 329 364 370	371 365	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04 .350+04 4.00	TEMP= 25.0	TAUMX= 12.991	SIGE= 23.364			
EP=	.000035 -.000032 -.000026	.000000 .000146 -.000060	EPPR=	.000063 .000019 -.000105			
SIG=	1.9865 -8.3259 -7.4896	.39488-02 11.296 -4.6658	SIGPR=	6.2854 -4.1742 -19.697			

EL= 230	NODES= 329	335	336	330	365	371	372	366	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.450+04	4.00	TEMP=	25.0	TAUMX=	25.651	SIGE=	44.437				
EP=	.000035	.000192	-.000096		.000001	-.000153	-.000060	EPPR=	.000211	.000040	-.000120		
SIG=	25.122	49.398	4.9167		.52063-01	-11.850	-4.6659	SIGPR=	52.410	25.920	1.1073		
EL= 231	NODES= 331	337	338	332	367	373	374	368	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	500.	4.00	TEMP=	25.0	TAUMX=	12.874	SIGE=	22.564				
EP=	.000022	.000039	-.000031		-.000000	-.000139	-.000060	EPPR=	.000086	.000025	-.000081		
SIG=	7.9527	10.468	-.40978		-.23035-02	-10.742	4.6789	SIGPR=	17.727	8.3039	-8.0204		
EL= 232	NODES= 332	338	339	333	368	374	375	369	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.150+04	4.00	TEMP=	25.0	TAUMX=	12.302	SIGE=	21.819				
EP=	.000023	.000011	-.000032		.000000	.000140	.000060	EPPR=	.000070	.000020	-.000089		
SIG=	3.5954	1.7464	-4.9030		.26281-02	10.820	4.6519	SIGPR=	10.884	3.2763	-13.721		
EL= 233	NODES= 333	339	340	334	369	375	376	370	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.250+04	4.00	TEMP=	25.0	TAUMX=	14.227	SIGE=	24.699				
EP=	.000022	.000070	-.000031		-.000000	-.000142	.000060	EPPR=	.000109	.000027	-.000075		
SIG=	12.629	19.927	4.2989		-.91283-02	-10.990	4.6276	SIGPR=	25.955	13.400	-2.4991		
EL= 234	NODES= 334	340	341	335	370	376	377	371	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	4.00	TEMP=	25.0	TAUMX=	12.731	SIGE=	22.723				
EP=	.000023	-.000032	-.000027		.000000	.000146	.000061	EPPR=	.000059	.000012	-.000106		
SIG=	-1.8429	-10.245	-9.4625		.18121-02	11.332	4.7064	SIGPR=	3.7192	-3.5260	-21.743		
EL= 235	NODES= 335	341	342	336	371	377	378	372	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	4.00	TEMP=	25.0	TAUMX=	25.710	SIGE=	44.636				
EP=	.000023	.000191	-.000096		-.000001	-.000154	.000060	EPPR=	.000211	.000028	-.000121		
SIG=	21.330	47.460	2.9715		-.61784-01	-11.903	4.6579	SIGPR=	50.494	22.193	-.92522		
EL= 236	NODES= 337	343	344	338	373	379	380	374	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	4.00	TEMP=	25.0	TAUMX=	13.034	SIGE=	23.538				
EP=	.000050	.000039	-.000032		.000000	-.000139	-.000061	EPPR=	.000089	.000048	-.000080		
SIG=	16.266	14.560	3.6746		.62681-02	-10.743	-4.7547	SIGPR=	22.313	15.942	-3.7547		
EL= 237	NODES= 338	344	345	339	374	380	381	375	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	4.00	TEMP=	25.0	TAUMX=	12.768	SIGE=	23.233				
EP=	.000050	.000011	-.000032		-.000000	.000140	-.000061	EPPR=	.000076	.000040	-.000088		
SIG=	11.901	5.8384	-.82140		-.28715-02	10.835	-4.6940	SIGPR=	16.033	10.387	-9.5024		
EL= 238	NODES= 339	345	346	340	375	381	382	376	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	4.00	TEMP=	25.0	TAUMX=	14.251	SIGE=	25.251				
EP=	.000050	.000070	-.000031		.000000	-.000142	-.000062	EPPR=	.000110	.000052	-.000074		
SIG=	20.955	24.028	8.3920		.16607-01	-10.997	-4.7926	SIGPR=	30.268	21.340	1.7667		
EL= 239	NODES= 340	346	347	341	376	382	383	377	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	4.00	TEMP=	25.0	TAUMX=	13.634	SIGE=	24.553				
EP=	.000049	-.000032	-.000027		-.000000	.000147	-.000061	EPPR=	.000071	.000026	-.000105		
SIG=	6.3416	-6.2091	-5.4624		-.15020-01	11.347	-4.7566	SIGPR=	9.6156	2.7060	-17.652		
EL= 240	NODES= 341	347	348	342	377	383	384	378	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	4.00	TEMP=	25.0	TAUMX=	25.690	SIGE=	44.514				
EP=	.000049	.000192	-.000096		.000001	-.000153	-.000061	EPPR=	.000211	.000054	-.000120		
SIG=	29.393	51.500	6.8903		.82854-01	-11.674	-4.6891	SIGPR=	54.523	30.115	3.1441		

EL= 241	NODES= 343	349	350	344	379	385	386	380	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.875+04	500.	4.00	TEMP= 25.0	TAUMX= 12.802	SIGE= 22.191									
EP=	.000002	.000039	-.000027	-.000000	-.000139	.000062	EPPR=	.000086	.000007	-.000079					
SIG=	2.2463	8.0019	-2.1519	-.16952-01	-10.743	4.7761	SIGPR=	15.338	3.0364	-10.278					
EL= 242	NODES= 344	350	351	345	380	386	387	381	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	4.00	TEMP= 25.0	TAUMX= 12.200	SIGE= 21.215									
EP=	.000002	.000011	-.000028	.000000	.000140	.000062	EPPR=	.000069	.000003	-.000088					
SIG=	-2.1103	-.70934	-6.6400	.85378-02	10.622	4.8275	SIGPR=	8.4165	-1.8928	-15.983					
EL= 243	NODES= 345	351	352	346	381	387	388	382	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	4.00	TEMP= 25.0	TAUMX= 14.220	SIGE= 24.664									
EP=	.000001	.000070	-.000027	-.000000	-.000142	.000061	EPPR=	.000109	.000009	-.000074					
SIG=	6.8973	17.455	2.5480	-.25442-01	-11.017	4.7575	SIGPR=	23.618	8.1031	-4.8216					
EL= 244	NODES= 346	352	353	347	382	388	389	383	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	4.00	TEMP= 25.0	TAUMX= 12.463	SIGE= 21.807									
EP=	.000002	-.000032	-.000022	.000001	.000146	.000063	EPPR=	.000057	-.000004	-.000104					
SIG=	-7.3892	-12.625	-11.152	.58052-01	11.291	4.8706	SIGPR=	1.0441	-8.3282	-23.882					
EL= 245	NODES= 347	353	354	348	383	389	390	384	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	4.00	TEMP= 25.0	TAUMX= 25.523	SIGE= 44.577									
EP=	.000003	.000192	-.000091	-.000001	-.000154	.000061	EPPR=	.000212	.000010	-.000118					
SIG=	16.014	45.228	1.3785	-.10022	-11.914	4.6916	SIGPR=	48.305	17.057	-2.7414					
EL= 246	NODES= 349	355	356	350	385	391	392	386	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.112+05	500.	4.00	TEMP= 25.0	TAUMX= 14.880	SIGE= 27.572									
EP=	.000084	.000039	-.000051	.000001	-.000139	-.000064	EPPR=	.000099	.000066	-.000093					
SIG=	23.756	16.746	2.8159	.39044-01	-10.737	-4.9501	SIGPR=	26.055	20.969	-3.7059					
EL= 247	NODES= 350	356	357	351	386	392	393	387	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	4.00	TEMP= 25.0	TAUMX= 15.192	SIGE= 27.494									
EP=	.000084	.000011	-.000052	-.000000	.000140	-.000063	EPPR=	.000095	.000048	-.000101					
SIG=	19.398	8.0424	-1.6677	-.36536-01	10.825	-4.8617	SIGPR=	21.127	13.903	-9.2580					
EL= 248	NODES= 351	357	358	352	387	393	394	388	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	4.00	TEMP= 25.0	TAUMX= 15.414	SIGE= 28.792									
EP=	.000084	.000070	-.000051	.000001	-.000142	-.000063	EPPR=	.000110	.000081	-.000089					
SIG=	28.427	26.199	7.5098	.53206-01	-10.996	-4.8408	SIGPR=	32.532	27.899	1.7048					
EL= 249	NODES= 352	358	359	353	388	394	395	389	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	4.00	TEMP= 25.0	TAUMX= 16.048	SIGE= 28.411									
EP=	.000082	-.000031	-.000045	-.000002	.000146	-.000062	EPPR=	.000093	.000027	-.000114					
SIG=	13.548	-4.0604	-6.2252	-.11974	11.320	-4.8269	SIGPR=	15.176	5.0069	-16.920					
EL= 250	NODES= 353	359	360	354	389	395	396	390	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	4.00	TEMP= 25.0	TAUMX= 26.513	SIGE= 46.532									
EP=	.000081	.000188	-.000113	.000001	-.000153	-.000062	EPPR=	.000207	.000084	-.000135					
SIG=	35.905	52.553	5.9592	.62803-01	-11.884	-4.7996	SIGPR=	55.482	36.480	2.4557					
EL= 251	NODES= 361	367	368	362	397	403	404	398	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.125+04	500.	6.00	TEMP= 25.0	TAUMX= 12.293	SIGE= 21.865									
EP=	.000035	.000038	-.000031	.000000	-.000130	-.000059	EPPR=	.000083	.000035	-.000076					
SIG=	11.711	12.213	1.5040	.16656-02	-10.100	-4.5632	SIGPR=	19.110	11.792	-5.4748					

EL= 252	NODES= 362	368	369	363	398	404	405	399	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	6.00	TEMP=	25.0	TAUMX=	11.907	SIGE=	21.427						
EP=	.000035	.000012	-.000032		-.000000	.000132	-.000059	EPPR=	.000069	.000030	-.000084				
SIG=	7.6839	4.1809	-2.6642		-.10503-02	10.224	-4.5632	SIGPR=	13.035	6.9446	-10.779				
EL= 253	NODES= 363	369	370	364	399	405	406	400	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	6.00	TEMP=	25.0	TAUMX=	13.629	SIGE=	23.860						
EP=	.000035	.000067	-.000031		.000000	-.000135	-.000059	EPPR=	.000104	.000032	-.000072				
SIG=	16.064	20.991	5.9175		.75506-02	-10.486	-4.5542	SIGPR=	26.798	16.636	-4.6121				
EL= 254	NODES= 364	370	371	365	400	406	407	401	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	6.00	TEMP=	25.0	TAUMX=	12.506	SIGE=	22.500						
EP=	.000035	-.000027	-.000027		.000000	.000140	-.000059	EPPR=	.000061	.000023	-.000100				
SIG=	2.4785	-7.1707	-7.0669		.39669-02	10.831	-4.5549	SIGPR=	6.5572	.13842	-18.455				
EL= 255	NODES= 365	371	372	366	401	407	408	402	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	6.00	TEMP=	25.0	TAUMX=	25.001	SIGE=	43.307						
EP=	.000035	.000186	-.000093		.000001	-.000150	-.000059	EPPR=	.000205	.000040	-.000118				
SIG=	24.538	47.947	4.6853		.52047-01	-11.645	-4.5411	SIGPR=	50.934	25.304	.93225				
EL= 256	NODES= 367	373	374	368	403	409	410	404	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.375+04	500.	6.00	TEMP=	25.0	TAUMX=	12.267	SIGE=	21.539						
EP=	.000023	.000038	-.000031		-.000000	-.000130	.000059	EPPR=	.000081	.000025	-.000077				
SIG=	7.9476	10.327	-.45039		-.22877-02	-10.098	4.5412	SIGPR=	17.031	8.2958	-7.5029				
EL= 257	NODES= 368	374	375	369	404	410	411	405	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	6.00	TEMP=	25.0	TAUMX=	11.753	SIGE=	20.880						
EP=	.000023	.000012	-.000032		.000000	.000132	.000058	EPPR=	.000067	.000021	-.000085				
SIG=	3.9266	2.2973	-4.6163		.26100-02	10.212	4.5239	SIGPR=	10.742	3.6313	-12.765				
EL= 258	NODES= 369	375	376	370	405	411	412	406	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	6.00	TEMP=	25.0	TAUMX=	13.643	SIGE=	23.705						
EP=	.000023	.000067	-.000031		-.000000	-.000135	.000058	EPPR=	.000104	.000028	-.000073				
SIG=	12.299	19.101	3.9603		-.90742-02	-10.475	4.4807	SIGPR=	24.807	13.033	-2.4796				
EL= 259	NODES= 370	376	377	371	406	412	413	407	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	6.00	TEMP=	25.0	TAUMX=	12.258	SIGE=	21.898						
EP=	.000023	-.000027	-.000027		.000000	.000141	.000059	EPPR=	.000057	.000012	-.000101				
SIG=	-1.2294	-9.0306	-8.9829		.17941-02	10.896	4.5783	SIGPR=	4.0564	-2.8399	-20.459				
EL= 260	NODES= 371	377	378	372	407	413	414	408	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	6.00	TEMP=	25.0	TAUMX=	25.053	SIGE=	43.455						
EP=	.000023	.000186	-.000094		-.000001	-.000151	.000059	EPPR=	.000205	.000028	-.000118				
SIG=	20.868	46.068	2.7974		-.61712-01	-11.670	4.5730	SIGPR=	49.065	21.710	-1.0418				
EL= 261	NODES= 373	379	380	374	409	415	416	410	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.625+04	500.	6.00	TEMP=	25.0	TAUMX=	12.429	SIGE=	22.513						
EP=	.000049	.000038	-.000031		.000000	-.000130	-.000059	EPPR=	.000085	.000047	-.000076				
SIG=	16.019	14.304	3.5261		.62816-02	-10.097	-4.5967	SIGPR=	21.517	15.673	-3.3415				
EL= 262	NODES= 374	380	381	375	410	416	417	411	MAT= 2	VOL= .5000+07				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	6.00	TEMP=	25.0	TAUMX=	12.214	SIGE=	22.253						
EP=	.000049	.000012	-.000032		-.000000	.000132	-.000059	EPPR=	.000074	.000039	-.000084				
SIG=	11.990	6.2734	-.64356		-.28715-02	10.213	-4.5541	SIGPR=	15.787	10.473	-8.6410				

EL= 263	NODES= 375	381	382	376	411	417	418	412	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	6.00	TEMP= 25.0	TAUMX= 13.645	SIGE= 24.240								
EP=	.000049	.000067	-.000031	.000000	-.000135	-.000059	EPPR= .000105	.000051	-.000071					
SIG=	20.382	23.086	7.9435	.16647-01	-10.464	-4.5977	SIGPR= 28.987	20.728	1.6968					
EL= 264	NODES= 376	382	383	377	412	418	419	413	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	6.00	TEMP= 25.0	TAUMX= 13.118	SIGE= 23.615								
EP=	.000049	-.000027	-.000027	-.000000	.000140	-.000060	EPPR= .000069	.000026	-.000100					
SIG=	6.7136	-5.1103	-5.0908	-.14885-01	10.854	-4.6445	SIGPR= 9.8086	3.1314	-16.428					
EL= 265	NODES= 377	383	384	378	413	419	420	414	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	6.00	TEMP= 25.0	TAUMX= 25.058	SIGE= 43.426								
EP=	.000049	.000186	-.000094	.000001	-.000151	-.000060	EPPR= .000206	.000053	-.000118					
SIG=	28.689	49.992	6.6088	.82745-01	-11.679	-4.6491	SIGPR= 52.998	29.409	2.8833					
EL= 266	NODES= 379	385	386	380	415	421	422	416	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	500.	6.00	TEMP= 25.0	TAUMX= 12.203	SIGE= 21.147								
EP=	.000002	.000038	-.000027	-.000000	-.000130	.000060	EPPR= .000082	.000007	-.000076					
SIG=	2.3554	7.9098	-2.1595	-.16938-01	-10.101	4.6478	SIGPR= 14.681	3.1505	-9.7255					
EL= 267	NODES= 380	386	387	381	416	422	423	417	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	6.00	TEMP= 25.0	TAUMX= 11.694	SIGE= 20.347								
EP=	.000002	.000012	-.000028	.000000	.000132	.000062	EPPR= .000067	.000004	-.000084					
SIG=	-1.6647	-1.0971	-6.3200	.85739-02	10.219	4.8103	SIGPR= 8.3477	-1.4023	-15.040					
EL= 268	NODES= 381	387	388	382	417	423	424	418	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	6.00	TEMP= 25.0	TAUMX= 13.637	SIGE= 23.640								
EP=	.000002	.000067	-.000027	-.000000	-.000135	.000061	EPPR= .000104	.000010	-.000072					
SIG=	6.6816	16.677	2.2421	-.25523-01	-10.465	4.7029	SIGPR= 22.494	7.8874	-4.7809					
EL= 269	NODES= 382	388	389	383	418	424	425	419	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	6.00	TEMP= 25.0	TAUMX= 12.036	SIGE= 21.074								
EP=	.000003	-.000027	-.000023	.000001	.000141	.000060	EPPR= .000055	-.000002	-.000100					
SIG=	-6.6618	-11.362	-10.640	.57952-01	10.947	4.6686	SIGPR= 1.4537	-7.4988	-22.619					
EL= 270	NODES= 383	389	390	384	419	425	426	420	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.875+04	.450+04	6.00	TEMP= 25.0	TAUMX= 24.858	SIGE= 43.381								
EP=	.000004	.000186	-.000089	-.000001	-.000150	.000061	EPPR= .000205	.000011	-.000116					
SIG=	15.666	43.885	1.2389	-.10024	-11.607	4.6945	SIGPR= 46.891	16.724	-2.8245					
EL= 271	NODES= 385	391	392	386	421	427	428	422	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.112+05	500.	6.00	TEMP= 25.0	TAUMX= 14.418	SIGE= 26.657								
EP=	.000083	.000038	-.000051	.000001	-.000130	-.000063	EPPR= .000096	.000064	-.000090					
SIG=	23.419	16.469	7.6944	.39024-01	-10.100	-4.8568	SIGPR= 25.504	20.411	-5.3320					
EL= 272	NODES= 386	392	393	387	422	428	429	423	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.112+05	.150+04	6.00	TEMP= 25.0	TAUMX= 14.756	SIGE= 26.644								
EP=	.000083	.000012	-.000052	-.000000	.000132	-.000062	EPPR= .000094	.000047	-.000097					
SIG=	19.397	8.4569	-1.4628	-.36495-01	10.231	-4.8050	SIGPR= 21.044	13.815	-8.4681					
EL= 273	NODES= 387	393	394	388	423	429	430	424	MAT= 2	VOL= .5000+07				3-D SOLID 45
XC,YC,ZC=	.112+05	.250+04	6.00	TEMP= 25.0	TAUMX= 14.932	SIGE= 27.942								
EP=	.000083	.000067	-.000050	.000001	-.000135	-.000063	EPPR= .000107	.000079	-.000086					
SIG=	27.766	25.236	7.0906	.52917-01	-10.454	-4.8769	SIGPR= 31.436	27.084	1.5730					

EL= 274	NODES= 388	394	395	389	424	430	431	425	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	6.00	TEMP=	25.0	TAUMX=	15.655	SIGE=	27.689				
EP=	.000081	-.000027	-.000046	-.000002	.000141	-.000063	EPPR=	.000092	.000027	-.000110			
SIG=	13.832	-2.9807	-5.8236	-.11972	10.920	-4.8442	SIGPR=	15.463	5.4130	-15.848			
EL= 275	NODES= 389	395	396	390	425	431	432	426	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	6.00	TEMP=	25.0	TAUMX=	25.825	SIGE=	45.376				
EP=	.000080	.000182	-.000110	.000001	-.000150	-.000062	EPPR=	.000201	.000083	-.000133			
SIG=	35.115	51.029	5.7084	.63299-01	-11.596	-4.8152	SIGPR=	53.901	35.701	2.2507			
EL= 276	NODES= 397	403	404	398	433	439	440	434	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04	500.	8.00	TEMP=	25.0	TAUMX=	11.736	SIGE=	20.930				
EP=	.000035	.000038	-.000031	.000000	-.000123	-.000057	EPPR=	.000079	.000035	-.000073			
SIG=	11.589	12.023	1.4110	.16589-02	-9.4959	-4.4476	SIGPR=	18.416	11.664	-5.0566			
EL= 277	NODES= 398	404	405	399	434	440	441	435	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	8.00	TEMP=	25.0	TAUMX=	11.324	SIGE=	20.524				
EP=	.000035	.000014	-.000032	-.000000	.000124	-.000057	EPPR=	.000067	.000033	-.000080			
SIG=	7.8808	4.6453	-2.4467	-.10503-02	9.6337	-4.4384	SIGPR=	12.844	7.1585	-9.9233			
EL= 278	NODES= 399	405	406	400	435	441	442	436	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	8.00	TEMP=	25.0	TAUMX=	13.054	SIGE=	22.899				
EP=	.000035	.000064	-.000030	.000000	-.000128	-.000058	EPPR=	.000099	.000038	-.000069			
SIG=	15.633	20.150	5.5399	.75821-02	-9.9439	-4.4664	SIGPR=	25.621	16.189	-4.8705			
EL= 279	NODES= 400	406	407	401	436	442	443	437	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	8.00	TEMP=	25.0	TAUMX=	12.029	SIGE=	21.650				
EP=	.000035	-.000024	-.000027	.000000	.000134	-.000057	EPPR=	.000060	.000020	-.000096			
SIG=	2.9465	-6.0707	-6.6631	.39759-02	10.366	-4.4465	SIGPR=	6.8044	.66133	-17.253			
EL= 280	NODES= 401	407	408	402	437	443	444	438	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	8.00	TEMP=	25.0	TAUMX=	24.408	SIGE=	42.277				
EP=	.000035	.000180	-.000091	.000001	-.000149	-.000057	EPPR=	.000200	.000039	-.000115			
SIG=	23.977	46.554	4.4643	.52038-01	-11.505	-4.4440	SIGPR=	42.546	24.718	.73114			
EL= 281	NODES= 403	409	410	404	439	445	446	440	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.375+04	500.	8.00	TEMP=	25.0	TAUMX=	11.681	SIGE=	20.550				
EP=	.000023	.000038	-.000031	-.000000	-.000123	.000056	EPPR=	.000077	.000025	-.000073			
SIG=	7.9453	10.195	-.48715	-.22967-02	-9.4905	4.3575	SIGPR=	16.366	8.2833	-6.9963			
EL= 282	NODES= 404	410	411	405	440	446	447	441	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	8.00	TEMP=	25.0	TAUMX=	11.272	SIGE=	20.057				
EP=	.000023	.000014	-.000032	.000000	.000125	.000057	EPPR=	.000064	.000021	-.000081			
SIG=	4.2424	2.6194	-4.3428	.26641-02	9.6600	4.4282	SIGPR=	10.646	3.9702	-11.897			
EL= 283	NODES= 405	411	412	406	441	447	448	442	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	8.00	TEMP=	25.0	TAUMX=	13.088	SIGE=	22.765				
EP=	.000023	.000064	-.000031	-.000000	-.000129	.000057	EPPR=	.000099	.000028	-.000070			
SIG=	11.988	18.318	3.6387	-.90517-02	-9.9598	4.3984	SIGPR=	23.707	12.706	-2.4691			
EL= 284	NODES= 406	412	413	407	442	448	449	443	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	8.00	TEMP=	25.0	TAUMX=	11.753	SIGE=	21.029				
EP=	.000023	-.000024	-.000020	.000000	.000135	.000057	EPPR=	.000055	.000013	-.000097			
SIG=	-.64233	-7.6727	-8.5231	.17580-02	10.440	4.3902	SIGPR=	4.3135	-2.1601	-19.192			

EL= 285	NODES= 407	413	414	408	443	449	450	444	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	8.00	TEMP= 25.0	TAUMX= 24.438	SIGE= 42.375							
EP=	.000023	.000180	-.000092	-.000001	-.000148	.000058	EPPR= .000199	-.000029	-.000116				
SIG=	20.426	44.733	2.6319	-.61595-01	-11.474	4.4974	SIGPR= 47.708	21.250	-1.1668				
EL= 286	NODES= 409	415	416	410	445	451	452	446	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.625+04	500.	8.00	TEMP= 25.0	TAUMX= 11.912	SIGE= 21.628							
EP=	.000049	.000038	-.000031	.000000	-.000123	-.000059	EPPR= .000081	.000046	-.000073				
SIG=	15.779	14.058	3.3816	.62005-02	-9.4929	-4.5495	SIGPR= 20.822	15.397	-3.0014				
EL= 287	NODES= 410	416	417	411	446	452	453	447	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	8.00	TEMP= 25.0	TAUMX= 11.756	SIGE= 21.421							
EP=	.000049	.000014	-.000032	-.000000	.000125	-.000058	EPPR= .000072	.000039	-.000080				
SIG=	12.069	6.6823	-.47632	-.28534-02	9.6459	-4.5065	SIGPR= 15.631	10.526	-7.8819				
EL= 288	NODES= 411	417	418	412	447	453	454	448	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	8.00	TEMP= 25.0	TAUMX= 13.123	SIGE= 23.378							
EP=	.000049	.000064	-.000031	.000000	-.000129	-.000059	EPPR= .000100	.000051	-.000069				
SIG=	19.834	22.189	7.5159	.16819-01	-9.9682	-4.5505	SIGPR= 27.813	20.159	1.5678				
EL= 289	NODES= 412	418	419	413	448	454	455	449	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	8.00	TEMP= 25.0	TAUMX= 12.692	SIGE= 22.874							
EP=	.000048	-.000023	-.000028	-.000000	.000136	-.000058	EPPR= .000067	.000026	-.000097				
SIG=	7.0636	-4.0663	-4.7388	-.14975-01	10.500	-4.4955	SIGPR= 10.004	3.6338	-15.379				
EL= 290	NODES= 413	419	420	414	449	455	456	450	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	8.00	TEMP= 25.0	TAUMX= 24.420	SIGE= 42.327							
EP=	.000048	.000181	-.000092	.000001	-.000148	-.000058	EPPR= .000200	.000052	-.000115				
SIG=	28.010	48.543	6.3346	.82799-01	-11.465	-4.4984	SIGPR= 51.517	28.693	2.6773				
EL= 291	NODES= 415	421	422	416	451	457	458	452	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.875+04	500.	8.00	TEMP= 25.0	TAUMX= 11.684	SIGE= 20.257							
EP=	.000003	.000038	-.000027	-.000000	-.000123	.000060	EPPR= .000078	.000008	-.000073				
SIG=	2.4652	7.8255	-2.1639	-.16911-01	-9.4960	4.6486	SIGPR= 14.096	3.3028	-9.2718				
EL= 292	NODES= 416	422	423	417	452	458	459	453	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	8.00	TEMP= 25.0	TAUMX= 11.144	SIGE= 19.404							
EP=	.000003	.000014	-.000028	.000000	.000125	.000060	EPPR= .000064	.000005	-.000080				
SIG=	-1.2371	.45973	-6.0148	.85784-02	9.6432	4.6084	SIGPR= 8.2216	-.94643	-14.067				
EL= 293	NODES= 417	423	424	418	453	459	460	454	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	8.00	TEMP= 25.0	TAUMX= 13.120	SIGE= 22.733							
EP=	.000003	.000064	-.000026	-.000000	-.000129	.000061	EPPR= .000099	.000011	-.000070				
SIG=	6.4816	15.940	1.9512	-.25555-01	-9.9592	4.7038	SIGPR= 21.452	7.7078	-4.7872				
EL= 294	NODES= 418	424	425	419	454	460	461	455	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	8.00	TEMP= 25.0	TAUMX= 11.552	SIGE= 20.231							
EP=	.000004	-.000023	-.000023	.000001	.000135	.000060	EPPR= .000054	-.000002	-.000095				
SIG=	-5.9835	-10.158	-10.149	.57838-01	10.445	4.6328	SIGPR= 1.8006	-6.7664	-21.304				
EL= 295	NODES= 419	425	426	420	455	461	462	456	MAT= 2	VOL= .5000+07			3-D SOLID 45
XC,YC,ZC=	.875+04	.450+04	8.00	TEMP= 25.0	TAUMX= 24.270	SIGE= 42.331							
EP=	.000004	.000180	-.000087	-.000001	-.000148	.000059	EPPR= .000200	.000011	-.000113				
SIG=	15.335	42.597	1.1034	-.10015	-11.476	4.5865	SIGPR= 45.611	16.353	-2.9284				

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EL= 296	NODES= 421	427	428	422	457	463	464	458	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	500.	8.00	TEMP= 25.0	TAUMX= 14.048	SIGE= 25.870							
EP=	.000082	.000038	-.000050	.000001	-.000122	-.000063	EPPR=	.000095	.000061	-.000087			
SIG=	23.092	16.204	2.5791	.39051-01	-9.4863	-4.9113	SIGPR=	25.077	19.817	-3.0188			
EL= 297	NODES= 422	428	429	423	458	464	465	459	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	8.00	TEMP= 25.0	TAUMX= 14.400	SIGE= 25.910							
EP=	.000082	.000014	-.000051	-.000000	.000124	-.000063	EPPR=	.000093	.000045	-.000093			
SIG=	19.589	8.8467	-1.2665	-.36351-01	9.6414	-4.9145	SIGPR=	21.051	13.668	-7.7498			
EL= 298	NODES= 423	429	430	424	459	465	466	460	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	8.00	TEMP= 25.0	TAUMX= 14.474	SIGE= 27.129							
EP=	.000082	.000064	-.000050	.000001	-.000129	-.000062	EPPR=	.000103	.000077	-.000084			
SIG=	27.130	24.319	6.6906	.53034-01	-9.9668	-4.8206	SIGPR=	30.399	26.291	1.4506			
EL= 299	NODES= 424	430	431	425	460	466	467	461	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	8.00	TEMP= 25.0	TAUMX= 15.193	SIGE= 26.850							
EP=	.000080	-.000023	-.000046	-.000002	.000135	-.000061	EPPR=	.000090	.000027	-.000106			
SIG=	14.093	-1.9572	-5.4446	-.11966	10.455	-4.7322	SIGPR=	15.645	5.7871	-14.741			
EL= 300	NODES= 425	431	432	426	461	467	468	462	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.112+05	.450+04	8.00	TEMP= 25.0	TAUMX= 25.210	SIGE= 44.334							
EP=	.000079	.000177	-.000108	.000001	-.000148	-.000060	EPPR=	.000195	.000082	-.000130			
SIG=	34.350	49.564	5.4629	.63966-01	-11.465	-4.6831	SIGPR=	52.444	34.909	2.0242			
EL= 301	NODES= 433	439	440	434	469	475	476	470	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	500.	10.0	TEMP= 25.0	TAUMX= 11.215	SIGE= 20.056							
EP=	.000035	.000037	-.000031	.000000	-.000115	-.000056	EPPR=	.000075	.000035	-.000070			
SIG=	11.473	11.842	1.3222	.16679-02	-8.9147	-4.3552	SIGPR=	17.763	11.540	-4.6665			
EL= 302	NODES= 434	440	441	435	470	476	477	471	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.150+04	10.0	TEMP= 25.0	TAUMX= 10.928	SIGE= 19.734							
EP=	.000035	.000015	-.000032	-.000000	.000117	-.000056	EPPR=	.000065	.000030	-.000077			
SIG=	8.0657	5.0836	-2.2403	-.10413-02	9.0994	-4.3459	SIGPR=	12.703	7.3592	-9.1529			
EL= 303	NODES= 435	441	442	436	471	477	478	472	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.250+04	10.0	TEMP= 25.0	TAUMX= 12.512	SIGE= 21.993							
EP=	.000035	.000061	-.000030	.000000	-.000122	-.000056	EPPR=	.000095	.000038	-.000067			
SIG=	15.223	19.350	5.1797	.75821-02	-9.4479	-4.3416	SIGPR=	24.513	15.751	-.51072			
EL= 304	NODES= 436	442	443	437	472	478	479	473	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.350+04	10.0	TEMP= 25.0	TAUMX= 11.729	SIGE= 21.132							
EP=	.000035	-.000020	-.000028	.000000	.000131	-.000056	EPPR=	.000059	.000021	-.000093			
SIG=	3.3915	-5.0235	-6.2779	.39849-02	10.113	-4.3514	SIGPR=	7.1512	1.2447	-16.306			
EL= 305	NODES= 437	443	444	438	473	479	480	474	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.125+04	.450+04	10.0	TEMP= 25.0	TAUMX= 23.830	SIGE= 41.275							
EP=	.000035	.000175	-.000089	.000001	-.000147	-.000056	EPPR=	.000194	.000039	-.000113			
SIG=	23.438	45.217	4.2518	.51993-01	-11.355	-4.3377	SIGPR=	48.207	24.152	.54817			
EL= 306	NODES= 439	445	446	440	475	481	482	476	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	500.	10.0	TEMP= 25.0	TAUMX= 11.163	SIGE= 19.682							
EP=	.000023	.000037	-.000031	-.000000	-.000115	.000055	EPPR=	.000074	.000025	-.000070			
SIG=	7.9452	10.071	-.52095	-.22922-02	-8.9135	4.2753	SIGPR=	15.767	8.2862	-6.5582			

EL= 307	NODES= 440	446	447	441	476	482	483	477	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.150+04	10.0	TEMP=	25.0	TAUMX=	10.730	SIGE=	19.219				
EP=	.000023	.000015	-.000032	.000000	.000117	.000056	EPPR=	.000062	.000022	-.000077			
SIG=	4.5439	3.3142	-4.0816	.26821-02	9.7984	4.3094	SIGPR=	10.520	4.2964	-11.040			
EL= 308	NODES= 441	447	448	442	477	483	484	478	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.250+04	10.0	TEMP=	25.0	TAUMX=	12.546	SIGE=	21.849				
EP=	.000023	.000061	-.000031	-.000000	-.000122	.000055	EPPR=	.000094	.000028	-.000068			
SIG=	11.694	17.575	3.3331	-.90787-02	-9.4635	4.2939	SIGPR=	22.654	12.386	-2.4380			
EL= 309	NODES= 442	448	449	443	478	484	485	479	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	10.0	TEMP=	25.0	TAUMX=	11.422	SIGE=	20.443				
EP=	.000023	-.000020	-.000028	.000000	.000130	.000056	EPPR=	.000054	.000014	-.000093			
SIG=	-.81156-01	-6.7692	-8.0833	.17941-02	10.096	4.3544	SIGPR=	4.7279	-1.5451	-18.116			
EL= 310	NODES= 443	449	450	444	479	485	486	480	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	10.0	TEMP=	25.0	TAUMX=	23.890	SIGE=	41.418				
EP=	.000024	.000175	-.000090	-.000001	-.000147	.000056	EPPR=	.000194	.000028	-.000114			
SIG=	20.004	43.453	2.4748	-.61505-01	-11.417	4.3294	SIGPR=	46.470	20.772	-1.3100			
EL= 311	NODES= 445	451	452	446	481	487	488	482	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	10.0	TEMP=	25.0	TAUMX=	11.410	SIGE=	20.772				
EP=	.000048	.000037	-.000031	.000000	-.000115	-.000058	EPPR=	.000078	.000045	-.000069			
SIG=	15.547	13.823	3.2430	.62320-02	-8.9209	-4.4561	SIGPR=	20.150	15.133	-2.6705			
EL= 312	NODES= 446	452	453	447	482	488	489	483	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	10.0	TEMP=	25.0	TAUMX=	11.312	SIGE=	20.627				
EP=	.000048	.000015	-.000032	-.000000	.000118	-.000057	EPPR=	.000070	.000038	-.000077			
SIG=	12.138	7.0658	-.32027	-.28354-02	9.1162	-4.4127	SIGPR=	15.457	10.593	-7.1671			
EL= 313	NODES= 447	453	454	448	483	489	490	484	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	10.0	TEMP=	25.0	TAUMX=	12.560	SIGE=	22.445				
EP=	.000048	.000061	-.000031	.000000	-.000122	-.000057	EPPR=	.000095	.000050	-.000067			
SIG=	19.308	21.335	7.1055	.16895-01	-9.4538	-4.3925	SIGPR=	26.636	19.598	1.5157			
EL= 314	NODES= 448	454	455	449	484	490	491	485	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	10.0	TEMP=	25.0	TAUMX=	12.266	SIGE=	22.102				
EP=	.000048	-.000020	-.000028	-.000000	-.000130	-.000057	EPPR=	.000066	.000026	-.000092			
SIG=	7.3931	-3.0738	-4.4031	-.14975-01	10.081	-4.4111	SIGPR=	10.205	4.0369	-14.326			
EL= 315	NODES= 449	455	456	450	485	491	492	486	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	10.0	TEMP=	25.0	TAUMX=	23.859	SIGE=	41.361				
EP=	.000048	.000175	-.000090	.000001	-.000147	-.000057	EPPR=	.000195	.000052	-.000113			
SIG=	27.356	47.152	6.0734	.82673-01	-11.352	-4.3939	SIGPR=	50.143	28.014	2.4252			
EL= 316	NODES= 451	457	458	452	487	493	494	488	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	10.0	TEMP=	25.0	TAUMX=	11.174	SIGE=	19.384				
EP=	.000004	.000037	-.000027	-.000000	-.000115	.000059	EPPR=	.000074	.000009	-.000070			
SIG=	2.5748	7.7480	-2.1668	-.16825-01	-8.9189	4.5942	SIGPR=	13.533	3.4385	-8.8152			
EL= 317	NODES= 452	458	459	453	488	494	495	489	MAT= 2	VOL= .5000+07	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	10.0	TEMP=	25.0	TAUMX=	10.671	SIGE=	18.592				
EP=	.000004	.000015	-.000028	.000000	.000118	.000058	EPPR=	.000061	.000006	-.000076			
SIG=	-.82521	1.0016	-5.7213	.85243-02	9.1140	4.4804	SIGPR=	8.1487	-.50107	-13.193			

EL= 318	NODES= 453	459	460	454	489	495	496	490	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	10.0		TEMP= 25.0		TAUMX= 12.515		SIGE= 21.680						
EP=	.000003	.000061			-.000026		-.000000		.000058	EPPR=	.000094	.000011	-.000067		
SIG=	6.2983	15.245			1.6788		-.25438-01		-9.4259		4.5015	SIGPR= 20.395	7.4606	-4.6342	
EL= 319	NODES= 454	460	461	455	490	496	497	491	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	10.0		TEMP= 25.0		TAUMX= 11.203		SIGE= 19.627						
EP=	.000004	-.000029			-.000024		.000001		.000130		.000059	EPPR=	.000053	-.000001	-.000092
SIG=	-5.2915	-9.0066			-9.6753		.57574-01		10.101		4.5601	SIGPR=	2.2313	-6.0290	-20.176
EL= 320	NODES= 455	461	462	456	491	497	498	492	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.875+04	.450+04	10.0		TEMP= 25.0		TAUMX= 23.724		SIGE= 41.350						
EP=	.000005	.000175			-.000086		-.000001		-.000146		.000059	EPPR=	.000195	.000012	-.000112
SIG=	15.022	41.363			.97745		-.10020		-11.344		4.5708	SIGPR=	44.386	16.038	-3.0617
EL= 321	NODES= 457	463	464	458	493	499	500	494	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.112+05	500.			TEMP= 25.0		TAUMX= 13.597		SIGE= 24.999						
EP=	.000081	.000037			-.000050		.000001		-.000115		-.000061	EPPR=	.000092	.000059	-.000083
SIG=	22.774	15.951			2.4710		.38957-01		-8.9117		-4.7072	SIGPR=	24.534	19.323	-2.6604
EL= 322	NODES= 458	464	465	459	494	500	501	495	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	10.0		TEMP= 25.0		TAUMX= 13.414		SIGE= 25.020						
EP=	.000081	.000015			-.000051		-.000000		.000117		-.000060	EPPR=	.000090	.000044	-.000089
SIG=	19.373	9.2126			-1.0788		-.36328-01		9.0589		-4.6363	SIGPR=	20.841	13.652	-6.9867
EL= 323	NODES= 459	465	466	460	495	501	502	496	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	10.0		TEMP= 25.0		TAUMX= 14.029		SIGE= 26.314						
EP=	.000081	.000061			-.000049		.000001		-.000122		-.000062	EPPR=	.000100	.000074	-.000081
SIG=	26.518	23.446			6.3089		.52953-01		-9.4521		-4.7828	SIGPR=	29.421	25.489	1.3625
EL= 324	NODES= 460	466	467	461	496	502	503	497	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	10.0		TEMP= 25.0		TAUMX= 14.845		SIGE= 26.209						
EP=	.000079	-.000020			-.000046		-.000002		.000130		-.000062	EPPR=	.000089	.000026	-.000102
SIG=	14.337	-.98338			-5.0806		-.11956		10.064		-4.7865	SIGPR=	15.911	6.1412	-13.780
EL= 325	NODES= 461	467	468	462	497	503	504	498	MAT= 2	VOL= .5000+07			3-D SOLID 45		
XC,YC,ZC=	.112+05	.450+04	10.0		TEMP= 25.0		TAUMX= 24.625		SIGE= 43.357						
EP=	.000078	.000172			-.000106		.000001		-.000146		-.000061	EPPR=	.000190	.000081	-.000128
SIG=	33.612	48.156			5.2309		.64543-01		-11.297		-4.7541	SIGPR=	51.028	34.192	1.7786
EL= 326	NODES= 469	475	476	470	505	511	512	506	MAT= 2	VOL= .2500+08			3-D SOLID 45		
XC,YC,ZC=	.125+04	500.			TEMP= 25.0		TAUMX= 9.8506		SIGE= 17.779						
EP=	.000034	.000036			-.000031		.000000		-.000095		-.000052	EPPR=	.000066	.000035	-.000061
SIG=	11.163	11.375			1.0911		.16747-02		-7.3841		-4.0371	SIGPR=	15.061	11.209	-3.6406
EL= 327	NODES= 470	476	477	471	506	512	513	507	MAT= 2	VOL= .2500+08			3-D SOLID 45		
XC,YC,ZC=	.125+04	.150+04	16.0		TEMP= 25.0		TAUMX= 9.6908		SIGE= 17.604						
EP=	.000034	.000019			-.000032		-.000000		.000099		-.000052	EPPR=	.000058	.000030	-.000067
SIG=	8.5260	6.1903			-1.7116		-.10413-02		7.6301		-4.0371	SIGPR=	12.257	7.8729	-7.1250
EL= 328	NODES= 471	477	478	472	507	513	514	508	MAT= 2	VOL= .2500+08			3-D SOLID 45		
XC,YC,ZC=	.125+04	.250+04	16.0		TEMP= 25.0		TAUMX= 11.109		SIGE= 19.668						
EP=	.000034	.000054			-.000030		.000000		-.000105		-.000052	EPPR=	.000083	.000037	-.000061
SIG=	14.154	17.290			4.2413		.76317-02		-8.1421		-4.0316	SIGPR=	21.646	14.612	-.57194

EL= 329	NODES= 472	478	479	473	508	514	515	509	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	16.0		TEMP= 25.0		TAUMX= 10.628	SIGE= 19.210							
EP=	.000034	-.000010	-.000029	.000000	.000117	-.000052	EPPR= .000055	.000022	-.000082						
SIG=	4.5423	-2.3051	-5.2688		.40300-02	9.0261	-4.0265	SIGPR= 7.7884	2.6484	-13.468					
EL= 330	NODES= 473	479	480	474	509	515	516	510	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	16.0		TEMP= 25.0		TAUMX= 22.214	SIGE= 38.476							
EP=	.000034	.000161	-.000084	.000001	-.000140	-.000052	EPPR= .000180	.000038	-.000107						
SIG=	21.997	41.654	-3.6876		.51858-01	-10.810	-4.0093	SIGPR= 44.569	22.628	.14183					
EL= 331	NODES= 475	481	482	476	511	517	518	512	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	500.	16.0		TEMP= 25.0		TAUMX= 9.9300	SIGE= 17.469							
EP=	.000024	.000036	-.000031	-.000000	-.000095	.000053	EPPR= .000064	.000026	-.000062						
SIG=	7.9628	9.7634	-.59710	-.22607-02	-7.3823	4.0725	SIGPR= 14.236	8.3168	-5.4238						
EL= 332	NODES= 476	482	483	477	512	518	519	513	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	16.0		TEMP= 25.0		TAUMX= 9.5662	SIGE= 17.162							
EP=	.000024	.000019	-.000032	.000000	.000099	.000052	EPPR= .000056	.000023	-.000068						
SIG=	5.3315	4.5801	-3.3978		.26371-02	7.6320	4.0648	SIGPR= 10.247	5.1515	-8.8850					
EL= 333	NODES= 477	483	484	478	513	519	520	514	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	16.0		TEMP= 25.0		TAUMX= 11.156	SIGE= 19.526							
EP=	.000024	.000054	-.000030	-.000000	-.000105	.000053	EPPR= .000082	.000028	-.000062						
SIG=	10.952	15.674	2.5498	-.91734-02	-8.1444	4.0704	SIGPR= 19.943	11.600	-2.3681						
EL= 334	NODES= 478	484	485	479	514	520	521	515	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	16.0		TEMP= 25.0		TAUMX= 10.378	SIGE= 18.635							
EP=	.000024	-.000010	-.000030	.000000	.000117	.000053	EPPR= .000051	.000016	-.000083						
SIG=	1.3962	-3.8922	-6.9197		.17040-02	9.0267	4.0694	SIGPR= 5.6024	.13637	-15.154					
EL= 335	NODES= 479	485	486	480	515	521	522	516	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	16.0		TEMP= 25.0		TAUMX= 22.248	SIGE= 38.551							
EP=	.000024	.000161	-.000084	-.000001	-.000139	.000052	EPPR= .000180	.000029	-.000108						
SIG=	18.888	40.049	2.0646	-.61432-01	-10.803	4.0506	SIGPR= 42.957	19.584	-1.5386						
EL= 336	NODES= 481	487	488	482	517	523	524	518	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	500.	16.0		TEMP= 25.0		TAUMX= 10.105	SIGE= 18.532							
EP=	.000047	.000036	-.000031	.000000	-.000095	-.000054	EPPR= .000069	.000043	-.000061						
SIG=	14.911	13.201	-2.8706		.62726-02	-7.3819	-4.1896	SIGPR= 18.401	14.390	-1.8082					
EL= 337	NODES= 482	488	489	483	518	524	525	519	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	16.0		TEMP= 25.0		TAUMX= 10.136	SIGE= 18.506							
EP=	.000047	.000019	-.000032	-.000000	.000098	-.000054	EPPR= .000064	.000036	-.000067						
SIG=	12.272	8.0182	.67277-01	-.29075-02	7.6271	-4.1961	SIGPR= 14.970	10.689	-5.3013						
EL= 338	NODES= 483	489	490	484	519	525	526	520	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	16.0		TEMP= 25.0		TAUMX= 11.212	SIGE= 20.225							
EP=	.000047	.000054	-.000030	.000000	-.000105	-.000054	EPPR= .000084	.000048	-.000061						
SIG=	17.914	19.121	6.0262		.16810-01	-8.1494	-4.1909	SIGPR= 23.681	18.123	1.2578					
EL= 339	NODES= 484	490	491	485	520	526	527	521	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	16.0		TEMP= 25.0		TAUMX= 11.216	SIGE= 20.219							
EP=	.000046	-.000010	-.000030	-.000000	.000116	-.000054	EPPR= .000063	.000026	-.000082						
SIG=	8.2183	-.50957	-3.5350	-.14732-01	9.0219	-4.1992	SIGPR= 10.738	5.1289	-11.693						

EL= 340	NODES= 485	491	492	486	521	527	528	522	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	16.0	TEMP=	25.0	TAUMX=	22.256	SIGE=	38.636					
EP=	.000046	.000161	-.000085		.000001	-.000139	-.000054	EPPR=	.000180	.000050	-.000107			
SIG=	25.591	43.436	5.3689		.82691-01	-10.793	-4.1770	SIGPR=	46.350	26.207	1.8389			
EL= 341	NODES= 487	493	494	488	523	529	530	524	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.875+04	500.	16.0	TEMP=	25.0	TAUMX=	9.8120	SIGE=	17.067					
EP=	.000005	.000036	-.000027		-.000000	-.000095	.000056	EPPR=	.000065	.000011	-.000062			
SIG=	2.9067	7.5739	-2.1522		-.16825-01	-7.3801	4.3544	SIGPR=	12.067	3.8187	-7.5570			
EL= 342	NODES= 488	494	495	489	524	530	531	525	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.875+04	.150+04	16.0	TEMP=	25.0	TAUMX=	9.4806	SIGE=	16.573					
EP=	.000005	.000019	-.000028		.000000	.000098	.000056	EPPR=	.000055	.000008	-.000067			
SIG=	.27576	2.4002	-4.9484		.84612-02	7.6257	4.3709	SIGPR=	7.9757	.73731	-10.985			
EL= 343	NODES= 489	495	496	490	525	531	532	526	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.875+04	.250+04	16.0	TEMP=	25.0	TAUMX=	11.178	SIGE=	19.365					
EP=	.000005	.000054	-.000026		-.000000	-.000105	.000056	EPPR=	.000083	.000013	-.000062			
SIG=	5.8706	13.477	.98561		-.25568-01	-8.1494	4.3538	SIGPR=	17.837	7.0156	-4.5194			
EL= 344	NODES= 490	496	497	491	526	532	533	527	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.875+04	.350+04	16.0	TEMP=	25.0	TAUMX=	10.180	SIGE=	17.864					
EP=	.000006	-.000010	-.000026		.000001	.000117	.000056	EPPR=	.000053	.000002	-.000082			
SIG=	-3.5020	-5.9981	-8.4227		.57060-01	9.0225	4.3490	SIGPR=	3.2513	-4.0647	-17.109			
EL= 345	NODES= 491	497	498	492	527	533	534	528	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.875+04	.450+04	16.0	TEMP=	25.0	TAUMX=	22.128	SIGE=	38.512					
EP=	.000007	.000161	-.000081		-.000001	-.000139	.000055	EPPR=	.000180	.000013	-.000106			
SIG=	14.218	38.091	.65598		-.10038	-10.802	4.2978	SIGPR=	41.040	15.140	-3.2156			
EL= 346	NODES= 493	499	500	494	529	535	536	530	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.112+05	500.	16.0	TEMP=	25.0	TAUMX=	12.634	SIGE=	23.003					
EP=	.000078	.000036	-.000049		.000001	-.000095	-.000060	EPPR=	.000088	.000052	-.000075			
SIG=	21.885	15.272	2.1758		.38776-01	-7.3775	-4.6190	SIGPR=	23.380	17.840	-1.8872			
EL= 347	NODES= 494	500	501	495	530	536	537	531	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.112+05	.150+04	16.0	TEMP=	25.0	TAUMX=	12.941	SIGE=	23.128					
EP=	.000078	.000019	-.000050		-.000000	.000098	-.000060	EPPR=	.000087	.000040	-.000080			
SIG=	19.253	10.106	-.61516		-.36180-01	7.6243	-4.6118	SIGPR=	20.623	13.381	-5.2592			
EL= 348	NODES= 495	501	502	496	531	537	538	532	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.112+05	.250+04	16.0	TEMP=	25.0	TAUMX=	12.938	SIGE=	24.215					
EP=	.000078	.000054	-.000048		.000001	-.000105	-.000060	EPPR=	.000092	.000068	-.000075			
SIG=	24.871	21.175	5.3088		.52777-01	-8.1347	-4.6118	SIGPR=	26.998	23.235	1.1217			
EL= 349	NODES= 496	502	503	497	532	538	539	533	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.112+05	.350+04	16.0	TEMP=	25.0	TAUMX=	13.824	SIGE=	24.390					
EP=	.000077	-.000010	-.000046		-.000002	.000116	-.000060	EPPR=	.000086	.000027	-.000092			
SIG=	14.911	1.5230	-4.1335		-.11919	9.0133	-4.6236	SIGPR=	16.378	7.1932	-11.271			
EL= 350	NODES= 497	503	504	498	533	539	540	534	MAT= 2	VOL= .2500+08			3-D SOLID 45	
XC,YC,ZC=	.112+05	.450+04	16.0	TEMP=	25.0	TAUMX=	22.971	SIGE=	40.566					
EP=	.000075	.000158	-.000099		.000001	-.000139	-.000058	EPPR=	.000176	.000078	-.000121			
SIG=	31.602	44.394	4.6046		.67067-01	-10.743	-4.5286	SIGPR=	47.200	32.142	1.2582			

EL= 351	NODES= 505	511	512	506	541	547	548	542	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.125+04	500.		26.0	TEMP= 25.0	TAUMX= 8.0675	SIGE= 14.825									
EP=	.000034	.000034		-.000031	.000000	-.000068	-.000046	EPPR=	.000054	.000034	-.000051					
SIG=	10.704	10.702		.75546	.16859-02	-5.2514	-3.5634	SIGPR=	13.793	10.702	-2.3336					
EL= 352	NODES= 506	512	513	507	542	548	549	543	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04		26.0	TEMP= 25.0	TAUMX= 8.0931	SIGE= 14.882									
EP=	.000034	.000024		-.000032	-.000000	.000072	-.000046	EPPR=	.000050	.000030	-.000054					
SIG=	9.1600	7.7411		-.95854	-.10143-02	5.5804	-3.5600	SIGPR=	11.741	8.6467	-4.4452					
EL= 353	NODES= 507	513	514	508	543	549	550	544	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04		26.0	TEMP= 25.0	TAUMX= 9.1314	SIGE= 16.440									
EP=	.000034	.000045		-.000029	.000000	-.000081	-.000046	EPPR=	.000066	.000036	-.000052					
SIG=	12.604	14.336		2.8793	.76723-02	-6.2692	-3.5568	SIGPR=	17.576	12.930	-.68704					
EL= 354	NODES= 508	514	515	509	544	550	551	545	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04		26.0	TEMP= 25.0	TAUMX= 9.1885	SIGE= 16.739									
EP=	.000034	.000004		-.000031	.000000	.000096	-.000046	EPPR=	.000050	.000025	-.000068					
SIG=	6.1981	1.6218		-3.7963	.41472-02	7.4685	-3.5483	SIGPR=	8.8003	4.7998	-9.5766					
EL= 355	NODES= 509	515	516	510	545	551	552	546	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04		26.0	TEMP= 25.0	TAUMX= 19.830	SIGE= 34.361									
EP=	.000034	.000140		-.000076	.000001	-.000129	-.000046	EPPR=	.000158	.000037	-.000098					
SIG=	19.849	36.361		2.8525	.51678-01	-10.020	-3.5253	SIGPR=	39.180	20.362	-.47932					
EL= 356	NODES= 511	517	518	512	547	553	554	548	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	500.		26.0	TEMP= 25.0	TAUMX= 9.0348	SIGE= 14.542									
EP=	.000025	.000034		-.000031	-.000000	-.000068	.000047	EPPR=	.000052	.000027	-.000052					
SIG=	8.0150	9.3395		-.68968	-.23035-02	-5.2510	3.6371	SIGPR=	12.184	8.3663	-3.8856					
EL= 357	NODES= 512	518	519	513	548	554	555	549	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04		26.0	TEMP= 25.0	TAUMX= 7.9864	SIGE= 14.528									
EP=	.000025	.000024		-.000032	.000000	.000072	.000047	EPPR=	.000048	.000025	-.000055					
SIG=	6.4766	6.3798		-2.4017	.26506-02	5.5779	3.6399	SIGPR=	9.9913	6.4448	-5.9814					
EL= 358	NODES= 513	519	520	514	549	555	556	550	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04		26.0	TEMP= 25.0	TAUMX= 9.1714	SIGE= 16.269									
EP=	.000025	.000045		-.000030	-.000000	-.000081	.000047	EPPR=	.000065	.000028	-.000053					
SIG=	9.9121	12.968		1.4306	-.91824-02	-6.2655	3.6380	SIGPR=	16.105	10.444	-2.2381					
EL= 359	NODES= 514	520	521	515	550	556	557	551	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04		26.0	TEMP= 25.0	TAUMX= 9.0079	SIGE= 16.303									
EP=	.000025	.000004		-.000031	.000000	.000097	.000047	EPPR=	.000047	.000020	-.000069					
SIG=	3.5614	.28268		-5.2050	.14605-02	7.4750	3.6194	SIGPR=	6.9781	2.6987	-11.038					
EL= 360	NODES= 515	521	522	516	551	557	558	552	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04		26.0	TEMP= 25.0	TAUMX= 19.870	SIGE= 34.417									
EP=	.000025	.000140		-.000077	-.000001	-.000130	.000046	EPPR=	.000158	.000029	-.000098					
SIG=	17.248	35.003		1.4705	-.61261-01	-10.032	3.5710	SIGPR=	37.826	17.811	-1.9151					
EL= 361	NODES= 517	523	524	518	553	559	560	554	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	500.		26.0	TEMP= 25.0	TAUMX= 8.4572	SIGE= 15.651									
EP=	.000044	.000034		-.000031	.000000	-.000068	-.000049	EPPR=	.000058	.000039	-.000051					
SIG=	13.939	12.286		2.3120	.63290-02	-5.2511	-3.8097	SIGPR=	16.132	13.188	-.78252					

EL= 362	NODES= 518	524	525	519	554	560	561	555	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	26.0	TEMP=	25.0	TAUMX=	8.6121	SIGE=	15.785						
EP=	.000044	.000024	-.000032		-.000000	.000072		-.000049	EPPR=	.000057	.000035	-.000054			
SIG=	12.394	9.3262	.59741		-.27994-02	5.5726		-3.8137	SIGPR=	14.330	12.882	-2.8944			
EL= 363	NODES= 519	525	526	520	555	561	562	556	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	26.0	TEMP=	25.0	TAUMX=	9.3085	SIGE=	17.093						
EP=	.000044	.000045	-.000029		.000000	-.000081		-.000049	EPPR=	.000068	.000044	-.000052			
SIG=	15.852	15.926	4.4418		.16855-01	-6.2593		-3.8114	SIGPR=	19.490	15.857	.87280			
EL= 364	NODES= 520	526	527	521	556	562	563	557	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	26.0	TEMP=	25.0	TAUMX=	9.7595	SIGE=	17.680						
EP=	.000044	.000004	-.000031		-.000000	.000096		-.000049	EPPR=	.000058	.000028	-.000069			
SIG=	9.3638	3.1751	-2.2848		-.14443-01	7.4642		-3.8096	SIGPR=	11.451	6.8720	-8.0684			
EL= 365	NODES= 521	527	528	522	557	563	564	558	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	26.0	TEMP=	25.0	TAUMX=	19.889	SIGE=	34.547						
EP=	.000044	.000140	-.000077		.000001	-.000129		-.000049	EPPR=	.000159	.000047	-.000098			
SIG=	22.935	37.903	4.3136		.82637-01	-10.026		-3.7582	SIGPR=	40.735	23.460	.95767			
EL= 366	NODES= 523	529	530	524	559	565	566	560	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	500.	26.0	TEMP=	25.0	TAUMX=	8.0512	SIGE=	14.140						
EP=	.000008	.000034	-.000028		-.000000	-.000068		.000052	EPPR=	.000052	.000015	-.000052			
SIG=	3.4565	7.3618	-2.1007		-.16753-01	-5.2522		4.0551	SIGPR=	10.178	4.4636	-5.9242			
EL= 367	NODES= 524	530	531	525	560	566	567	561	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	26.0	TEMP=	25.0	TAUMX=	7.9226	SIGE=	13.973						
EP=	.000008	.000024	-.000029		.000000	.000072		.000052	EPPR=	.000047	.000013	-.000055			
SIG=	1.9179	4.4107	-3.8088		.83800-02	5.5752		4.0301	SIGPR=	7.8832	2.5985	-7.9619			
EL= 368	NODES= 525	531	532	526	561	567	568	562	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	26.0	TEMP=	25.0	TAUMX=	9.2159	SIGE=	16.026						
EP=	.000008	.000045	-.000026		-.000000	-.000081		.000052	EPPR=	.000065	.000015	-.000054			
SIG=	5.3283	10.984	.10736-01		-.25568-01	-6.2680		4.0263	SIGPR=	14.180	6.3943	-4.2514			
EL= 369	NODES= 526	532	533	527	562	568	569	563	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	26.0	TEMP=	25.0	TAUMX=	8.8916	SIGE=	15.671						
EP=	.000009	.000004	-.000028		.000001	.000096		.000052	EPPR=	.000046	.000008	-.000069			
SIG=	-.84231	-1.6146	-6.5653		.56321-01	7.4708		4.0502	SIGPR=	4.9179	-1.0747	-12.865			
EL= 370	NODES= 527	533	534	528	563	569	570	564	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	26.0	TEMP=	25.0	TAUMX=	19.811	SIGE=	34.400						
EP=	.000010	.000140	-.000073		-.000001	-.000130		.000052	EPPR=	.000159	.000015	-.000097			
SIG=	13.069	33.255	.20351		-.10115	-10.045		3.9960	SIGPR=	36.129	13.891	-3.4933			
EL= 371	NODES= 529	535	536	530	565	571	572	566	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.112+05	500.	26.0	TEMP=	25.0	TAUMX=	11.376	SIGE=	20.422						
EP=	.000074	.000034	-.000047		.000000	-.000068		-.000058	EPPR=	.000082	.000043	-.000065			
SIG=	20.508	14.263	1.7409		.38409-01	-5.2437		-4.4935	SIGPR=	21.758	15.749	-9.9471			
EL= 372	NODES= 530	536	537	531	566	572	573	567	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	26.0	TEMP=	25.0	TAUMX=	11.604	SIGE=	20.617						
EP=	.000074	.000025	-.000048		-.000000	.000072		-.000058	EPPR=	.000082	.000036	-.000068			
SIG=	18.969	11.321	.37973-01		-.35855-01	5.5711		-4.4677	SIGPR=	20.180	13.174	-3.0271			

EL= 373	NODES= 531	537	538	532	567	573	574	568	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.112+05	.250+04	26.0		TEMP= 25.0	TAUMX= 11.633		SIGE= 21.420						
EP=	.000074	.000045		-.000046	.000001	-.000081	-.000058	EPPR=	.000084	.000056	-.000066			
SIG=	22.404	17.887		3.6488	.52336-01	-6.2595	-4.4867	SIGPR=	23.922	19.560	.65691			
EL= 374	NODES= 532	538	539	533	568	574	575	569	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	26.0		TEMP= 25.0	TAUMX= 12.439		SIGE= 21.967						
EP=	.000072	.000004		-.000047	-.000002	.000096	-.000058	EPPR=	.000081	.000028	-.000080			
SIG=	15.649	5.1098		-2.7638	-.11868	7.4591	-4.4562	SIGPR=	17.009	8.8546	-7.8693			
EL= 375	NODES= 533	539	540	534	569	575	576	570	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	26.0		TEMP= 25.0	TAUMX= 20.536		SIGE= 36.476						
EP=	.000071	.000137		-.000090	.000001	-.000128	-.000056	EPPR=	.000154	.000074	-.000111			
SIG=	28.557	38.788		3.6748	.71629-01	-9.9422	-4.3042	SIGPR=	41.516	29.060	.44358			
EL= 376	NODES= 541	547	548	542	577	583	584	578	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.125+04	500.		36.0	TEMP= 25.0	TAUMX= 6.8356		SIGE= 12.810						
EP=	.000033	.000032		-.000030	.000000	-.000047	-.000040	EPPR=	.000045	.000033	-.000043			
SIG=	10.328	10.180		.49120	.16747-02	-3.6199	-3.1338	SIGPR=	12.205	10.261	-1.4663			
EL= 377	NODES= 542	548	549	543	578	584	585	579	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04		36.0	TEMP= 25.0	TAUMX= 6.9909		SIGE= 13.050						
EP=	.000033	.000028		-.000031	-.000000	.000052	-.000040	EPPR=	.000045	.000031	-.000046			
SIG=	9.6039	8.8712		-.38982	-.97820-03	3.9910	-3.1326	SIGPR=	11.397	9.2738	-2.5851			
EL= 378	NODES= 543	549	550	544	579	585	586	580	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04		36.0	TEMP= 25.0	TAUMX= 7.6267		SIGE= 14.023						
EP=	.000033	.000037		-.000029	.000000	-.000062	-.000040	EPPR=	.000053	.000034	-.000045			
SIG=	11.387	12.071		1.8095	.77219-02	-4.7786	-3.1294	SIGPR=	14.481	11.559	-.77245			
EL= 379	NODES= 544	550	551	545	580	586	587	581	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04		36.0	TEMP= 25.0	TAUMX= 8.1395		SIGE= 14.995						
EP=	.000033	.000015		-.000032	.000000	.000080	-.000040	EPPR=	.000047	.000027	-.000058			
SIG=	7.4759	4.6764		-2.6261	.43365-02	6.1675	-3.1164	SIGPR=	9.6119	6.5814	-6.6671			
EL= 380	NODES= 545	551	552	546	581	587	588	582	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04		36.0	TEMP= 25.0	TAUMX= 17.852		SIGE= 30.963						
EP=	.000033	.000123		-.000070	.000001	-.000121	-.000040	EPPR=	.000141	.000036	-.000090			
SIG=	18.070	32.005		2.1702	.51524-01	-9.3356	-3.0912	SIGPR=	34.735	18.480	-.96997			
EL= 381	NODES= 547	553	554	548	583	589	590	584	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.375+04	500.		36.0	TEMP= 25.0	TAUMX= 6.7811		SIGE= 12.559						
EP=	.000026	.000032		-.000031	-.000000	-.000047	.000042	EPPR=	.000043	.000028	-.000044			
SIG=	8.0961	9.0409		-.73434	-.23057-02	-3.6198	3.2251	SIGPR=	10.766	8.4321	-2.7959			
EL= 382	NODES= 548	554	555	549	584	590	591	585	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04		36.0	TEMP= 25.0	TAUMX= 6.8960		SIGE= 12.767						
EP=	.000026	.000028		-.000032	.000000	.000051	.000042	EPPR=	.000042	.000027	-.000047			
SIG=	7.3776	7.7331		-1.6135	.26235-02	3.9848	3.2252	SIGPR=	9.8918	7.5056	-3.9002			
EL= 383	NODES= 549	555	556	550	585	591	592	586	MAT= 2	VOL= .2500+08				3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04		36.0	TEMP= 25.0	TAUMX= 7.6505		SIGE= 13.840						
EP=	.000026	.000037		-.000029	-.000000	-.000062	.000042	EPPR=	.000052	.000029	-.000047			
SIG=	9.1514	10.926		.57967	-.92861-02	-4.7809	3.2222	SIGPR=	13.204	9.5492	-2.0966			

EL= 384	NODES= 550	556	557	551	586	592	593	587	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	36.0	TEMP=	25.0	TAUMX=	8.0275	SIGE=	14.679						
EP=	.000026	.000015	-.000033		.000000	.000080	.000041	EPPR=	.000044	.000023	-.000059				
SIG=	5.2941	3.5596	-3.8167		.11991-02	6.1748	3.2087	SIGPR=	8.1373	4.8174	-7.9177				
EL= 385	NODES= 551	557	558	552	587	593	594	588	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	36.0	TEMP=	25.0	TAUMX=	17.900	SIGE=	31.011						
EP=	.000026	.000123	-.000070		-.000001	-.000121	.000041	EPPR=	.000140	.000029	-.000091				
SIG=	15.922	30.868	1.0048		-.61135-01	-9.3519	3.1841	SIGPR=	33.605	16.383	-2.1941				
EL= 386	NODES= 553	559	560	554	589	595	596	590	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	500.	36.0	TEMP=	25.0	TAUMX=	7.3369	SIGE=	13.635						
EP=	.000042	.000032	-.000031		.000000	-.000047	-.000044	EPPR=	.000051	.000036	-.000043				
SIG=	13.102	11.545	1.8458		.63245-02	-3.6181	-3.4180	SIGPR=	14.520	12.126	-.15355				
EL= 387	NODES= 554	560	561	555	590	596	597	591	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	36.0	TEMP=	25.0	TAUMX=	7.5253	SIGE=	13.894						
EP=	.000042	.000028	-.000032		-.000000	.000051	-.000044	EPPR=	.000051	.000034	-.000046				
SIG=	12.377	10.237	.96403		-.27047-02	3.9807	-3.4202	SIGPR=	13.781	11.067	-1.2698				
EL= 388	NODES= 555	561	562	556	591	597	598	592	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	36.0	TEMP=	25.0	TAUMX=	7.9117	SIGE=	14.733						
EP=	.000042	.000037	-.000029		.000000	-.000062	-.000044	EPPR=	.000056	.000040	-.000046				
SIG=	14.174	13.442	3.1701		.17003-01	-4.7747	-3.4202	SIGPR=	16.570	13.869	.54692				
EL= 389	NODES= 556	562	563	557	592	598	599	593	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	36.0	TEMP=	25.0	TAUMX=	8.6602	SIGE=	15.840						
EP=	.000042	.000015	-.000032		-.000000	.000080	-.000044	EPPR=	.000053	.000030	-.000059				
SIG=	10.182	6.0114	-1.3160		-.13902-01	6.1654	-3.4272	SIGPR=	11.922	8.3535	-5.3981				
EL= 390	NODES= 557	563	564	558	593	599	600	594	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	36.0	TEMP=	25.0	TAUMX=	17.912	SIGE=	31.167						
EP=	.000042	.000123	-.000070		.000001	-.000121	-.000043	EPPR=	.000141	.000044	-.000090				
SIG=	20.701	33.331	3.4324		.82655-01	-9.3373	-3.3659	SIGPR=	36.075	21.139	.25055				
EL= 391	NODES= 559	565	566	560	595	601	602	596	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	500.	36.0	TEMP=	25.0	TAUMX=	6.7975	SIGE=	12.139						
EP=	.000011	.000032	-.000028		-.000000	-.000047	.000048	EPPR=	.000043	.000018	-.000045				
SIG=	3.9945	7.2582	-2.0123		-.16636-01	-3.6157	3.7330	SIGPR=	8.8919	5.0517	-4.7031				
EL= 392	NODES= 560	566	567	561	596	602	603	597	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	36.0	TEMP=	25.0	TAUMX=	6.8810	SIGE=	12.333						
EP=	.000011	.000028	-.000029		.000000	.000051	.000048	EPPR=	.000041	.000017	-.000048				
SIG=	3.2750	5.9577	-2.8881		.82944-02	3.9869	3.7400	SIGPR=	7.9784	4.1499	-5.7836				
EL= 393	NODES= 561	567	568	562	597	603	604	598	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	36.0	TEMP=	25.0	TAUMX=	7.7297	SIGE=	13.584						
EP=	.000011	.000037	-.000026		-.000000	-.000062	.000049	EPPR=	.000052	.000017	-.000047				
SIG=	5.0246	9.1381	-.70645		-.25433-01	-4.7775	3.7731	SIGPR=	11.449	6.0177	-4.0104				
EL= 394	NODES= 562	568	569	563	598	604	605	599	MAT= 2	VOL= .2500+08				3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	36.0	TEMP=	25.0	TAUMX=	7.9820	SIGE=	14.161						
EP=	.000012	.000015	-.000030		.000001	.000080	.000048	EPPR=	.000044	.000012	-.000059				
SIG=	1.3434	1.8534	-5.0450		.55338-01	6.1637	3.7513	SIGPR=	6.3443	1.4273	-9.6197				

EL= 395	NODES= 563	569	570	564	599	605	606	600	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	36.0		TEMP= 25.0		TAUMX= 17.857		SIGE= 30.959					
EP=	.000012	.000123	-.000067		-.000001		-.000121		.000047	EPPR= .000141	.000017		-.000090	
SIG=	12.191	29.311	-.13272		-.10205		-9.3555		3.6471	SIGPR= 32.096	12.892		-3.6187	
EL= 396	NODES= 565	571	572	566	601	607	608	602	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	36.0		TEMP= 25.0		TAUMX= 10.430		SIGE= 18.561					
EP=	.000070	.000032	-.000046		.000000		-.000047		-.000056	EPPR= .000077	.000037		-.000058	
SIG=	19.285	13.432	1.3855		.38050-01		-3.6103		-4.3030	SIGPR= 20.377	14.209		-.48353	
EL= 397	NODES= 566	572	573	567	602	608	609	603	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	36.0		TEMP= 25.0		TAUMX= 10.616		SIGE= 18.830					
EP=	.000070	.000028	-.000047		-.000000		.000051		-.000056	EPPR= .000077	.000035		-.000060	
SIG=	18.565	12.140	.51471		-.35278-01		3.9780		-4.3192	SIGPR= 19.669	13.114		-1.5626	
EL= 398	NODES= 567	573	574	568	603	609	610	604	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	36.0		TEMP= 25.0		TAUMX= 10.661		SIGE= 19.289					
EP=	.000070	.000037	-.000044		.000001		-.000061		-.000056	EPPR= .000078	.000045		-.000060	
SIG=	20.342	15.315	2.6900		.51939-01		-4.7589		-4.3197	SIGPR= 21.586	16.498		.26309	
EL= 399	NODES= 568	574	575	569	604	610	611	605	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	36.0		TEMP= 25.0		TAUMX= 11.380		SIGE= 20.174					
EP=	.000068	.000015	-.000047		-.000002		.000080		-.000056	EPPR= .000076	.000031		-.000070	
SIG=	16.080	7.8494	-1.6892		-.11799		6.1590		-4.3165	SIGPR= 17.363	10.276		-5.3982	
EL= 400	NODES= 569	575	576	570	605	611	612	606	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	36.0		TEMP= 25.0		TAUMX= 18.517		SIGE= 33.089					
EP=	.000067	.000120	-.000082		.000001		-.000119		-.000053	EPPR= .000137	.000070		-.000102	
SIG=	25.957	34.151	2.9066		.76822-01		-9.2383		-4.1408	SIGPR= 36.809	26.431		-.22451	
EL= 401	NODES= 577	583	584	578	613	619	620	614	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	46.0		TEMP= 25.0		TAUMX= 6.0394		SIGE= 11.494					
EP=	.000033	.000031	-.000030		.000000		-.000031		-.000036	EPPR= .000040	.000032		-.000038	
SIG=	10.018	9.7759	.28428		.16656-02		-2.3795		-2.7493	SIGPR= 11.144	9.8678		-.93432	
EL= 402	NODES= 578	584	585	579	614	620	621	615	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	46.0		TEMP= 25.0		TAUMX= 6.2466		SIGE= 11.863					
EP=	.000033	.000031	-.000031		-.000000		.000036		-.000035	EPPR= .000041	.000032		-.000040	
SIG=	9.9030	9.6783	-.36990-01		-.94213-03		2.7648		-2.7458	SIGPR= 11.165	9.7824		-1.3286	
EL= 403	NODES= 579	585	586	580	615	621	622	616	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	46.0		TEMP= 25.0		TAUMX= 6.5246		SIGE= 12.244					
EP=	.000033	.000032	-.000029		.000000		-.000046		-.000035	EPPR= .000044	.000032		-.000040	
SIG=	10.432	10.344	.96998		.78075-02		-3.5908		-2.7415	SIGPR= 12.202	10.391		-.84730	
EL= 404	NODES= 580	586	587	581	616	622	623	617	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	46.0		TEMP= 25.0		TAUMX= 7.4032		SIGE= 13.810					
EP=	.000032	.000023	-.000033		.000000		.000066		-.000035	EPPR= .000044	.000030		-.000051	
SIG=	8.4579	7.0457	-1.6936		.45980-02		5.0862		-2.7319	SIGPR= 10.297	8.0214		-4.5089	
EL= 405	NODES= 581	587	588	582	617	623	624	618	MAT= 2	VOL= .2500+08			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	46.0		TEMP= 25.0		TAUMX= 16.205		SIGE= 28.144					
EP=	.000032	.000109	-.000064		.000001		-.000113		-.000035	EPPR= .000126	.000035		-.000083	
SIG=	16.587	28.395	1.6095		.51362-01		-8.7483		-2.7010	SIGPR= 31.047	16.909		-1.3640	

EL= 406	NODES= 583	589	590	584	619	625	626	620	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	500.		46.0		TEMP= 25.0			TAUMX= 5.9462		SIGE= 11.283					
EP=	.000027	.000031		-.000031		-.000000			-.000031		.000037	EPPR= .000037	.000029		-.000039	
SIG=	8.1942	8.8363		-.74399		-.23260-02			-2.3794		2.8445	SIGPR= 9.8391	8.5005		-2.0532	
EL= 407	NODES= 584	590	591	585	620	626	627	621	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04		46.0		TEMP= 25.0			TAUMX= 6.1786		SIGE= 11.655					
EP=	.000027	.000031		-.000032		.000000			.000036		.000037	EPPR= .000039	.000029		-.000041	
SIG=	8.0842	8.7396		-.98978		.25785-02			2.7626		2.8426	SIGPR= 9.9173	8.3566		-2.4399	
EL= 408	NODES= 585	591	592	586	621	627	628	622	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04		46.0		TEMP= 25.0			TAUMX= 6.5086		SIGE= 12.065					
EP=	.000027	.000032		-.000029		-.000000			-.000046		.000037	EPPR= .000043	.000028		-.000041	
SIG=	8.6038	9.3962		-.62363-01		-.93672-02			-3.5880		2.8470	SIGPR= 11.056	8.8449		-1.9612	
EL= 409	NODES= 586	592	593	587	622	628	629	623	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04		46.0		TEMP= 25.0			TAUMX= 7.3588		SIGE= 13.599					
EP=	.000027	.000023		-.000034		.000000			.000066		.000037	EPPR= .000043	.000026		-.000052	
SIG=	6.6614	6.1274		-2.6879		.86550-03			5.0962		2.8349	SIGPR= 9.1526	6.5335		-5.5651	
EL= 410	NODES= 587	593	594	588	623	629	630	624	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04		46.0		TEMP= 25.0			TAUMX= 16.235		SIGE= 28.152					
EP=	.000027	.000108		-.000065		-.000001			-.000113		.000036	EPPR= .000126	.000029		-.000084	
SIG=	14.841	27.456		.63839		-.61018-01			-8.7388		2.7930	SIGPR= 30.100	15.204		-2.3696	
EL= 411	NODES= 589	595	596	590	625	631	632	626	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	500.		46.0		TEMP= 25.0			TAUMX= 6.6162		SIGE= 12.306					
EP=	.000040	.000031		-.000030		.000000			-.000031		-.000040	EPPR= .000047	.000033		-.000039	
SIG=	12.376	10.943		1.4550		.62411-02			-2.3785		-3.0978	SIGPR= 13.379	11.248		.14700	
EL= 412	NODES= 590	596	597	591	626	632	633	627	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04		46.0		TEMP= 25.0			TAUMX= 6.7862		SIGE= 12.659					
EP=	.000040	.000031		-.000031		-.000000			.000036		-.000040	EPPR= .000047	.000034		-.000041	
SIG=	12.259	10.846		1.2064		-.26867-02			2.7658		-3.0963	SIGPR= 13.323	11.237		-.24913	
EL= 413	NODES= 591	597	598	592	627	633	634	628	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04		46.0		TEMP= 25.0			TAUMX= 6.9511		SIGE= 12.982					
EP=	.000040	.000032		-.000029		.000000			-.000046		-.000040	EPPR= .000049	.000035		-.000041	
SIG=	12.804	11.518		2.1471		.16976-01			-3.5791		-3.0865	SIGPR= 14.156	12.060		.25351	
EL= 414	NODES= 592	598	599	593	628	634	635	629	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04		46.0		TEMP= 25.0			TAUMX= 7.8435		SIGE= 14.544					
EP=	.000040	.000023		-.000033		-.000000			.000066		-.000040	EPPR= .000050	.000032		-.000052	
SIG=	10.751	8.1836		-.56628		-.13397-01			5.0885		-3.0680	SIGPR= 12.235	9.5847		-3.4518	
EL= 415	NODES= 593	599	600	594	629	635	636	630	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04		46.0		TEMP= 25.0			TAUMX= 16.260		SIGE= 28.349					
EP=	.000040	.000109		-.000064		.000001			-.000113		-.000039	EPPR= .000126	.000042		-.000084	
SIG=	18.809	29.528		2.6921		.82637-01			-8.7363		-3.0159	SIGPR= 32.188	19.172		-.33165	
EL= 416	NODES= 595	601	602	596	631	637	638	632	MAT= 2	VOL= .2500+08						3-D SOLID 45
XC,YC,ZC=	.875+04	500.		46.0		TEMP= 25.0			TAUMX= 5.9808		SIGE= 10.930					
EP=	.000013	.000031		-.000028		-.000000			-.000031		.000045	EPPR= .000037	.000020		-.000041	
SIG=	4.5126	7.2331		-1.8983		-.16467-01			-2.3790		3.4897	SIGPR= 8.1015	5.6060		-3.8601	

EL= 417	NODES= 596	602	603	597	632	638	639	633	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	46.0	TEMP=	25.0	TAUMX=	6.2155	SIGE=	11.294				
EP=	.000013	.000031	-.000029		.000000	.000036	.000045	EPPR=	.000038	.000020	-.000042		
SIG=	4.4007	7.1424	-2.1416		.80149-02	2.7592	3.4865	SIGPR=	8.2110	5.4106	-4.2201		
EL= 418	NODES= 597	603	604	598	633	639	640	634	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	46.0	TEMP=	25.0	TAUMX=	6.5757	SIGE=	11.762				
EP=	.000013	.000032	-.000026		-.000000	-.000046	.000045	EPPR=	.000042	.000019	-.000042		
SIG=	4.8969	7.7908	-1.2249		-.25244-01	-3.5809	3.4786	SIGPR=	9.4180	5.7782	-3.7334		
EL= 419	NODES= 598	604	605	599	634	640	641	635	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	46.0	TEMP=	25.0	TAUMX=	7.3719	SIGE=	13.176				
EP=	.000014	.000023	-.000031		.000001	.000066	.000045	EPPR=	.000043	.000016	-.000052		
SIG=	3.1467	4.5970	-3.7940		.54463-01	5.0760	3.4617	SIGPR=	7.6050	3.4835	-7.1388		
EL= 420	NODES= 599	605	606	600	635	641	642	636	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.875+04	.450+04	46.0	TEMP=	25.0	TAUMX=	16.233	SIGE=	28.119				
EP=	.000015	.000109	-.000062		-.000001	-.000113	.000043	EPPR=	.000126	.000019	-.000083		
SIG=	11.519	26.073	-.37994		-.10308	-8.7585	3.3621	SIGPR=	28.778	12.123	-3.6875		
EL= 421	NODES= 601	607	608	602	637	643	644	638	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.112+05	500.	46.0	TEMP=	25.0	TAUMX=	9.7551	SIGE=	17.282				
EP=	.000066	.000031	-.000044		.000000	-.000031	-.000054	EPPR=	.000073	.000033	-.000053		
SIG=	18.193	12.742	1.0941		.37579-01	-2.1697	-4.2001	SIGPR=	19.222	13.095	-.28833		
EL= 422	NODES= 602	608	609	603	638	644	645	639	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	46.0	TEMP=	25.0	TAUMX=	9.8830	SIGE=	17.554				
EP=	.000066	.000031	-.000045		-.000000	.000035	-.000054	EPPR=	.000073	.000034	-.000055		
SIG=	18.082	12.659	.85502		-.34814-01	2.7467	-4.1942	SIGPR=	19.118	13.126	-.64790		
EL= 423	NODES= 603	609	610	604	639	645	646	640	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	46.0	TEMP=	25.0	TAUMX=	9.9222	SIGE=	17.709				
EP=	.000066	.000032	-.000043		.000001	-.000046	-.000054	EPPR=	.000073	.000037	-.000055		
SIG=	18.608	13.305	1.7682		.51583-01	-3.5785	-4.1941	SIGPR=	19.725	14.075	-.11889		
EL= 424	NODES= 604	610	611	605	640	646	647	641	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	46.0	TEMP=	25.0	TAUMX=	10.551	SIGE=	18.827				
EP=	.000064	.000023	-.000046		-.000002	.000065	-.000054	EPPR=	.000072	.000033	-.000064		
SIG=	16.280	9.9260	-.84662		-.11713	5.0692	-4.1815	SIGPR=	17.496	11.470	-3.6064		
EL= 425	NODES= 605	611	612	606	641	647	648	642	MAT= 2	VOL= .2500+08	3-D SOLID 45		
XC,YC,ZC=	.112+05	.450+04	46.0	TEMP=	25.0	TAUMX=	16.817	SIGE=	30.230				
EP=	.000063	.000105	-.000076		.000001	-.000111	-.000051	EPPR=	.000122	.000066	-.000095		
SIG=	23.722	30.289	2.2674		.82935-01	-6.6179	-3.9458	SIGPR=	32.880	24.153	-.75375		
EL= 426	NODES= 613	619	620	614	649	655	656	650	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.125+04	500.	76.0	TEMP=	25.0	TAUMX=	5.0864	SIGE=	9.8762				
EP=	.000031	.000029	-.000030		.000000	-.000003	-.000024	EPPR=	.000033	.000029	-.000032		
SIG=	9.4529	9.1726	-.26462-01		.16927-02	-.24950	-1.8309	SIGPR=	9.7982	9.1755	-.37458		
EL= 427	NODES= 614	620	621	615	650	656	657	651	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.125+04	.150+04	76.0	TEMP=	25.0	TAUMX=	5.1799	SIGE=	10.249				
EP=	.000031	.000034	-.000030		-.000000	.000008	-.000024	EPPR=	.000034	.000033	-.000033		
SIG=	10.067	10.442	.56687		-.87001-03	.58732	-1.8303	SIGPR=	10.554	10.327	.19391		

EL= 428	NODES= 615	621	622	616	651	657	658	652	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	76.0		TEMP=	25.0	TAUMX=	5.1058	SIGE=	9.6522					
EP=	.000031	.000025	-.000029		.000000	-.000017	-.000024	EPPR=	.000034	-.000025	-.000032				
SIG=	8.9779	8.0029	-.29778		.80419-02	-1.3197	-1.8254	SIGPR=	9.3775	8.1395	-.83401				
EL= 429	NODES= 616	622	623	617	652	658	659	653	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	76.0		TEMP=	25.0	TAUMX=	6.2129	SIGE=	11.817					
EP=	.000031	.000035	-.000033		.000000	.000036	-.000023	EPPR=	.000041	-.000032	-.000040				
SIG=	9.8155	10.444	-.18495		.55085-02	2.7762	-1.8108	SIGPR=	11.276	9.9477	-1.1492				
EL= 430	NODES= 617	623	624	618	653	659	660	654	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	76.0		TEMP=	25.0	TAUMX=	12.963	SIGE=	22.633					
EP=	.000031	.000083	-.000054		.000001	-.000094	-.000023	EPPR=	.000097	.000032	-.000070				
SIG=	13.804	21.754	.60610		.50632-01	-7.3131	-1.7777	SIGPR=	24.070	13.952	-1.8572				
EL= 431	NODES= 619	625	626	620	655	661	662	656	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.375+04	500.	76.0		TEMP=	25.0	TAUMX=	4.9776	SIGE=	9.8263					
EP=	.000028	.000029	-.000031		-.000000	-.0000303	.000025	EPPR=	.000031	.000029	-.000033				
SIG=	8.5056	8.6667	-.61720		-.22719-02	-.25915	1.9693	SIGPR=	8.9244	8.6614	-1.0308				
EL= 432	NODES= 620	626	627	621	656	662	663	657	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	76.0		TEMP=	25.0	TAUMX=	5.2293	SIGE=	10.217					
EP=	.000028	.000034	-.000031		.000000	.0000308	.000025	EPPR=	.000034	.000031	-.000033				
SIG=	9.1237	9.9363	-.22331-01		.23936-02	.58733	1.9678	SIGPR=	9.9991	9.4981	-.45953				
EL= 433	NODES= 621	627	628	622	657	663	664	658	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	76.0		TEMP=	25.0	TAUMX=	5.0097	SIGE=	9.5826					
EP=	.000028	.000025	-.000029		-.000000	-.000017	.000025	EPPR=	.000032	.000026	-.000033				
SIG=	8.0239	7.4896	-.89367		-.95250-02	-1.3204	1.9622	SIGPR=	8.5275	7.5842	-1.4918				
EL= 434	NODES= 622	628	629	623	658	664	665	659	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	76.0		TEMP=	25.0	TAUMX=	6.2651	SIGE=	11.787					
EP=	.000028	.000035	-.000034		-.000000	.000036	.000025	EPPR=	.000041	.000030	-.000040				
SIG=	8.9058	9.9547	-.74677		-.31555-03	2.7799	1.9451	SIGPR=	10.769	9.1056	-1.7611				
EL= 435	NODES= 623	629	630	624	659	665	666	660	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	76.0		TEMP=	25.0	TAUMX=	12.992	SIGE=	22.643					
EP=	.000029	.000082	-.000054		-.000001	-.000094	.000025	EPPR=	.000097	.000030	-.000070				
SIG=	12.913	21.238	.60081-01		-.60342-01	-7.3102	1.9042	SIGPR=	23.554	13.088	-2.4295				
EL= 436	NODES= 625	631	632	626	661	667	668	662	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.625+04	500.	76.0		TEMP=	25.0	TAUMX=	5.5738	SIGE=	10.437					
EP=	.000036	.000029	-.000030		.000000	-.000003	-.000029	EPPR=	.000039	.000029	-.000033				
SIG=	10.890	9.8977	.72600		.61847-02	-.25869	-2.2787	SIGPR=	11.380	9.9018	.23193				
EL= 437	NODES= 626	632	633	627	662	668	669	663	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	76.0		TEMP=	25.0	TAUMX=	5.6024	SIGE=	10.815					
EP=	.000036	.000034	-.000030		-.000000	.000008	-.000029	EPPR=	.000039	.000034	-.000033				
SIG=	11.502	11.167	1.3186		-.24883-02	.58739	-2.2750	SIGPR=	12.006	11.179	.80167				
EL= 438	NODES= 627	633	634	628	663	669	670	664	MAT= 2	VOL= .1250+09				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	76.0		TEMP=	25.0	TAUMX=	5.5921	SIGE=	10.300					
EP=	.000036	.000025	-.000028		.000000	-.000017	-.000029	EPPR=	.000039	.000026	-.000033				
SIG=	10.431	8.7369	.46211		.16981-01	-1.3191	-2.2738	SIGPR=	10.967	8.8793	-.21673				

EL= 439	NODES= 628	634	635	629	664	670	671	665	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	76.0	TEMP=	25.0	TAUMX=	6.4130	SIGE=	12.312				
EP=	.000036	.000035	-.000033	-.000000	.000036	-.000029	EPPR=	.000043	.000035	-.000040			
SIG=	11.197	11.144	.52853	-.11423-01	2.7739	-2.2548	SIGPR=	12.266	11.164	-.56029			
EL= 440	NODES= 629	635	636	630	665	671	672	666	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	76.0	TEMP=	25.0	TAUMX=	13.025	SIGE=	22.840				
EP=	.000035	.000083	-.000054	.000001	-.000094	-.000028	EPPR=	.000098	.000037	-.000070			
SIG=	15.131	22.458	1.2850	.82872-01	-7.3128	-2.1880	SIGPR=	24.794	15.335	-1.2555			
EL= 441	NODES= 631	637	638	632	667	673	674	668	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	76.0	TEMP=	25.0	TAUMX=	4.9797	SIGE=	9.6119				
EP=	.000019	.000029	-.000025	-.000000	-.000003	.000037	EPPR=	.000030	.000025	-.000035			
SIG=	5.8109	7.4878	-1.4744	-.16176-01	-.25783	2.8334	SIGPR=	7.5070	6.7696	-2.4523			
EL= 442	NODES= 632	638	639	633	668	674	675	669	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	76.0	TEMP=	25.0	TAUMX=	5.3450	SIGE=	10.043				
EP=	.000019	.000034	-.000029	.000000	.000008	.000037	EPPR=	.000034	.000025	-.000035			
SIG=	6.4248	8.7599	-.87880	.74153-02	.58600	2.8279	SIGPR=	8.8156	7.3646	-1.8744			
EL= 443	NODES= 633	639	640	634	669	675	676	670	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	76.0	TEMP=	25.0	TAUMX=	4.8867	SIGE=	9.3440				
EP=	.000018	.000025	-.000027	-.000000	-.000017	.000037	EPPR=	.000028	.000022	-.000035			
SIG=	5.3043	6.3091	-1.7578	-.24816-01	-1.3162	2.8362	SIGPR=	6.8525	5.9241	-2.9210			
EL= 444	NODES= 634	640	641	635	670	676	677	671	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	76.0	TEMP=	25.0	TAUMX=	6.3836	SIGE=	11.627				
EP=	.000019	.000035	-.000032	.000001	.000036	.000036	EPPR=	.000041	.000023	-.000041			
SIG=	6.3454	8.8387	-1.5582	.50839-01	2.7765	2.8081	SIGPR=	9.7269	6.9393	-3.0403			
EL= 445	NODES= 635	641	642	636	671	677	678	672	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.450+04	76.0	TEMP=	25.0	TAUMX=	13.051	SIGE=	22.644				
EP=	.000020	.000083	-.000053	-.000001	-.000095	.000035	EPPR=	.000098	.000022	-.000071			
SIG=	10.539	20.259	-.67804	-.10735	-7.3459	2.6779	SIGPR=	22.648	10.925	-3.4536			
EL= 446	NODES= 637	643	644	638	673	679	680	674	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	500.	76.0	TEMP=	25.0	TAUMX=	8.4774	SIGE=	15.048				
EP=	.000057	.000029	-.000041	.000000	-.000003	-.000049	EPPR=	.000063	.000029	-.000047			
SIG=	15.759	11.455	-.57867	.35939-01	-.24966	-3.7687	SIGPR=	16.645	11.458	-.31013			
EL= 447	NODES= 638	644	645	639	674	680	681	675	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	76.0	TEMP=	25.0	TAUMX=	8.4970	SIGE=	15.248				
EP=	.000057	.000034	-.000041	-.000000	.000007	-.000049	EPPR=	.000063	.000034	-.000047			
SIG=	16.373	12.732	1.1754	-.33051-01	.57590	-3.7680	SIGPR=	17.262	12.751	.26798			
EL= 448	NODES= 639	645	646	640	675	681	682	676	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	76.0	TEMP=	25.0	TAUMX=	8.4768	SIGE=	14.924				
EP=	.000057	.000025	-.000040	.000001	-.000017	-.000049	EPPR=	.000063	.000026	-.000046			
SIG=	15.292	10.292	.30413	-.49198-01	-1.3007	-3.7834	SIGPR=	16.214	10.413	-.73939			
EL= 449	NODES= 640	646	647	641	676	682	683	677	MAT= 2	VOL= .1250+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	76.0	TEMP=	25.0	TAUMX=	8.8661	SIGE=	16.175				
EP=	.000056	.000035	-.000043	-.000001	.000036	-.000048	EPPR=	.000062	.000038	-.000052			
SIG=	15.770	12.618	.43855	-.11316	2.7593	-3.7473	SIGPR=	16.780	12.998	-.95201			

EL= 450	NODES= 647	648	642	677	683	684	678	MAT= 2	VOL= .1250+09				3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	76.0	TEMP= 25.0	TAUMX= 13.478	SIGE= 24.547							
EP=	.000054	.000080	-.000062	.000001	-.000092	-.000045	EPPR=	.000095	-.000057	-.000080			
SIG=	19.183	23.082	1.0831	.10460	-7.1341	-3.4671	SIGPR=	25.397	12.509	-1.5586			
EL= 451	NODES= 649	655	656	650	685	691	692	686	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.125+04	500.	126.	TEMP= 25.0	TAUMX= 4.6975	SIGE= 9.2877							
EP=	.000029	.000028	-.000029	.000000	.000013	-.000010	EPPR=	.000030	.000029	-.000031			
SIG=	8.8248	8.6351	-.28374	.17017-02	1.0315	-.77353	SIGPR=	8.9299	8.7114	-.46511			
EL= 452	NODES= 650	656	657	651	686	692	693	687	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	126.	TEMP= 25.0	TAUMX= 4.9251	SIGE= 9.5195							
EP=	.000029	.000034	-.000028	-.000000	-.000011	-.000010	EPPR=	.000034	.000030	-.000029			
SIG=	9.8152	10.488	.86695	-.75260-03	-.87365	-.77213	SIGPR=	10.573	9.8735	.72320			
EL= 453	NODES= 651	657	658	652	687	693	694	688	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	126.	TEMP= 25.0	TAUMX= 4.6204	SIGE= 8.6263							
EP=	.000029	.000021	-.000029	.000000	.000006	-.000010	EPPR=	.000030	.000021	-.000030			
SIG=	7.7152	6.3493	-1.3635	.83981-02	.49964	-.76923	SIGPR=	7.7807	6.3804	-1.4600			
EL= 454	NODES= 652	658	659	653	688	694	695	689	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	126.	TEMP= 25.0	TAUMX= 5.9365	SIGE= 10.937							
EP=	.000029	.000044	-.000032	.000000	.000006	-.000010	EPPR=	.000044	.000030	-.000033			
SIG=	10.779	13.030	1.2505	.70232-02	.44900	-.75482	SIGPR=	13.047	10.838	1.1741			
EL= 455	NODES= 653	659	660	654	689	695	696	690	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	126.	TEMP= 25.0	TAUMX= 9.3113	SIGE= 16.552							
EP=	.000029	.000054	-.000042	.000001	-.000072	-.000009	EPPR=	.000066	.000030	-.000055			
SIG=	10.667	14.417	-.46993	.49180-01	-5.5537	-.72466	SIGPR=	16.274	13.688	-2.3482			
EL= 456	NODES= 655	661	662	656	691	697	698	692	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.375+04	500.	126.	TEMP= 25.0	TAUMX= 4.7929	SIGE= 9.4326							
EP=	.000030	.000028	-.000030	-.000000	.000013	.000012	EPPR=	.000031	.000029	-.000031			
SIG=	8.9192	8.6511	-.33443	-.23418-02	1.0316	.92404	SIGPR=	9.0453	8.7310	-.54052			
EL= 457	NODES= 656	662	663	657	692	698	699	693	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	126.	TEMP= 25.0	TAUMX= 4.9727	SIGE= 9.6598							
EP=	.000030	.000034	-.000029	.000000	-.000011	.000012	EPPR=	.000034	.000031	-.000030			
SIG=	9.9131	10.504	.81717	.23170-02	-.87347	.92396	SIGPR=	10.593	9.9938	.64758			
EL= 458	NODES= 657	663	664	658	693	699	700	694	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	126.	TEMP= 25.0	TAUMX= 4.7177	SIGE= 8.7800							
EP=	.000030	.000021	-.000030	-.000000	.000006	.000012	EPPR=	.000031	.000021	-.000030			
SIG=	7.7998	6.3564	-1.4206	-.98135-02	.50000	.92169	SIGPR=	7.8921	6.3868	-1.5433			
EL= 459	NODES= 658	664	665	659	694	700	701	695	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	126.	TEMP= 25.0	TAUMX= 5.9770	SIGE= 11.057							
EP=	.000030	.000044	-.000032	-.000000	.000006	.000012	EPPR=	.000044	.000031	-.000033			
SIG=	10.895	13.054	1.2200	-.23982-02	.45394	.90936	SIGPR=	13.072	10.979	1.1181			
EL= 460	NODES= 659	665	666	660	695	701	702	696	MAT= 2	VOL= .1250+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	126.	TEMP= 25.0	TAUMX= 9.3242	SIGE= 16.609							
EP=	.000030	.000053	-.000043	-.000001	-.000072	.000011	EPPR=	.000065	.000030	-.000055			
SIG=	10.784	14.408	-.49701	-.59133-01	-5.5463	.86431	SIGPR=	16.265	10.813	-2.3832			

EL= 461	NODES= 661	667	668	662	697	703	704	698	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.625+04	500.	126.		TEMP=	25.0	TAUMX=	4.8472	SIGE=	9.4726				
EP=	.000030	.000028				.000029	.000000	.000013		-.000017	EPPR=	.000032	.000029	-.000031
SIG=	9.1245	8.6094				-.63501-01	.61148-02	1.0317		-1.2799	SIGPR=	9.3417	8.8814	-.35271
EL= 462	NODES= 662	668	669	663	698	704	705	699	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	126.		TEMP=	25.0	TAUMX=	4.9667	SIGE=	9.6907				
EP=	.000030	.000034				-.000028	-.000000	-.000011		-.000016	EPPR=	.000034	.000031	-.000030
SIG=	10.114	10.662				1.0866	-.23125-02	-.67252		-1.2757	SIGPR=	10.767	10.262	.83375
EL= 463	NODES= 663	669	670	664	699	705	706	700	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	126.		TEMP=	25.0	TAUMX=	4.7766	SIGE=	8.8455				
EP=	.000030	.000021				-.000029	.000000	.000006		-.000017	EPPR=	.000031	.000021	-.000030
SIG=	8.0342	6.5344				-1.1352	.17008-01	.49999		-1.2801	SIGPR=	8.2111	6.5643	-1.3420
EL= 464	NODES= 664	670	671	665	700	706	707	701	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	126.		TEMP=	25.0	TAUMX=	5.9725	SIGE=	11.080				
EP=	.000030	.000044				-.000032	-.000000	.000006		-.000016	EPPR=	.000044	.000031	-.000033
SIG=	11.039	13.186				1.4386	-.78887-02	.44642		-1.2609	SIGPR=	13.204	11.200	1.2594
EL= 465	NODES= 665	671	672	666	701	707	708	702	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	126.		TEMP=	25.0	TAUMX=	9.3541	SIGE=	16.650				
EP=	.000030	.000054				-.000042	.000001	-.000072		-.000015	EPPR=	.000066	.000030	-.000055
SIG=	10.902	14.593				-.29757	.83133-01	-5.5532		-1.1929	SIGPR=	16.474	10.958	-2.2341
EL= 466	NODES= 667	673	674	668	703	709	710	704	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.875+04	500.	126.		TEMP=	25.0	TAUMX=	4.8107	SIGE=	9.4022				
EP=	.000025	.000028				-.000029	-.000000	.000013		.000025	EPPR=	.000030	.000027	-.000032
SIG=	7.5273	8.0361				-.78738	-.15507-01	1.0313		1.9653	SIGPR=	8.2840	7.8293	-1.3373
EL= 467	NODES= 668	674	675	669	704	710	711	705	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	126.		TEMP=	25.0	TAUMX=	5.0752	SIGE=	9.6614				
EP=	.000025	.000034				-.000028	.000000	-.000011		.000025	EPPR=	.000034	.000028	-.000031
SIG=	8.5143	9.8875				.36267	.65724-02	-.87297		1.9603	SIGPR=	9.9937	8.9274	-.15663
EL= 468	NODES= 669	675	676	670	705	711	712	706	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	126.		TEMP=	25.0	TAUMX=	4.5981	SIGE=	8.7092				
EP=	.000025	.000021				-.000029	-.000000	.000006		.000026	EPPR=	.000028	.000021	-.000032
SIG=	6.3834	5.7424				-1.8796	-.23734-01	.49898		1.9757	SIGPR=	6.8386	5.7652	-2.3576
EL= 469	NODES= 670	676	677	671	706	712	713	707	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	126.		TEMP=	25.0	TAUMX=	6.0642	SIGE=	11.094				
EP=	.000025	.000044				-.000031	.000001	.000006		.000025	EPPR=	.000044	.000028	-.000034
SIG=	9.6183	12.489				.80964	.44059-01	.45507		1.9442	SIGPR=	12.512	10.021	.38389
EL= 470	NODES= 671	677	678	672	707	713	714	708	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	126.		TEMP=	25.0	TAUMX=	9.4282	SIGE=	16.664				
EP=	.000026	.000054				-.000042	-.000001	-.000072		.000023	EPPR=	.000066	.000027	-.000056
SIG=	9.6400	13.948				-.86272	-.11464	-5.5915		1.8015	SIGPR=	15.898	9.7963	-2.9589
EL= 471	NODES= 673	679	680	674	709	715	716	710	MAT= 2	VOL= .1250+09			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	126.		TEMP=	25.0	TAUMX=	7.1078	SIGE=	12.882				
EP=	.000045	.000028				-.000036	.000000	.000013		-.000041	EPPR=	.000050	.000029	-.000042
SIG=	12.615	9.9967				.43154-01	.33556-01	1.0371		-3.2000	SIGPR=	13.396	10.079	-.82000

EL= 472	NODES= 674	680	681	675	710	716	717	711	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.112+05	.150+04	126.		TEMP= 25.0	TAUMX= 7.0160		SIGE= 12.969								
EP=	.000045	.000034		-.000035		-.000000	-.000011	-.000041	EPPR=	.000050	.000034		-.000040			
SIG=	13.602	11.849		1.1895		-.30076-01	-.08143	-3.1878	SIGPR=	14.386	11.901		.35371			
EL= 473	NODES= 675	681	682	676	711	717	718	712	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.112+05	.250+04	126.		TEMP= 25.0	TAUMX= 7.0662		SIGE= 12.496								
EP=	.000045	.000021		-.000036		.000001	.000007	-.000042	EPPR=	.000050	.000021		-.000041			
SIG=	11.523	7.7314		-1.0277		.45038-01	.51117	-3.2176	SIGPR=	12.301	7.7570		-1.8315			
EL= 474	NODES= 676	682	683	677	712	718	719	713	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	126.		TEMP= 25.0	TAUMX= 7.1071		SIGE= 13.824								
EP=	.000044	.000044		-.000038		-.000001	.000006	-.000041	EPPR=	.000049	.000044		-.000043			
SIG=	14.223	14.247		1.5625		-.10474	.45265	-3.1547	SIGPR=	15.021	14.205		.80707			
EL= 475	NODES= 677	683	684	678	713	719	720	714	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	126.		TEMP= 25.0	TAUMX= 9.6903		SIGE= 17.998								
EP=	.000043	.000051		-.000047		.000002	-.000069	-.000037	EPPR=	.000064	.000044		-.000061			
SIG=	13.731	15.029		-.22819		.14274	-5.3188	-2.8476	SIGPR=	17.035	13.842		-2.3455			
EL= 476	NODES= 685	691	692	686	721	727	728	722	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.125+04	500.		176.		TEMP= 25.0	TAUMX= 4.5072	SIGE= 8.9642								
EP=	.000028	.000028		-.000029		.000000	.000013	-.000002	EPPR=	.000029	.000028		-.000029			
SIG=	8.4820	8.4609		-.30845		.16837-02	1.0284	-.17932	SIGPR=	8.5835	8.4820		-.43100			
EL= 477	NODES= 686	692	693	687	722	728	729	723	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	176.		TEMP= 25.0	TAUMX= 4.5867		SIGE= 8.9115								
EP=	.000028	.000031		-.000027		-.000000	-.000013	-.000002	EPPR=	.000032	.000028		-.000028			
SIG=	9.2039	9.6400		.70202		-.66265-03	-1.0227	-.17995	SIGPR=	9.7563	9.2069		.58278			
EL= 478	NODES= 687	693	694	688	723	729	730	724	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	176.		TEMP= 25.0	TAUMX= 4.5427		SIGE= 8.7121								
EP=	.000028	.000022		-.000030		.000000	.000013	-.000002	EPPR=	.000028	.000023		-.000031			
SIG=	7.4529	6.5278		-1.4981		.86054-02	1.0179	-1.17878	SIGPR=	7.4567	6.6547		-1.6287			
EL= 479	NODES= 688	694	695	689	724	730	731	725	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	176.		TEMP= 25.0	TAUMX= 5.6443		SIGE= 10.321								
EP=	.000028	.000043		-.000029		.000000	-.000009	-.000002	EPPR=	.000043	.000028		-.000030			
SIG=	10.619	12.910		1.7198		.83034-02	-.73088	-.16934	SIGPR=	12.958	10.622		1.6691			
EL= 480	NODES= 689	695	696	690	725	731	732	726	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	176.		TEMP= 25.0	TAUMX= 7.2575		SIGE= 13.234								
EP=	.000028	.000039		-.000036		.000001	-.000056	-.000002	EPPR=	.000048	.000028		-.000045			
SIG=	9.0002	10.699		-.97667		.47503-01	-4.3084	-.14301	SIGPR=	12.120	8.9989		-2.3956			
EL= 481	NODES= 691	697	698	692	727	733	734	728	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.375+04	500.		176.		TEMP= 25.0	TAUMX= 4.6519	SIGE= 9.1795								
EP=	.000030	.000028		-.000029		-.000000	.000013	.000004	EPPR=	.000030	.000029		-.000030			
SIG=	9.1031	8.7506		-.56138-01		-.23170-02	1.0286	.31733	SIGPR=	9.1184	8.8645		-.18539			
EL= 482	NODES= 692	698	699	693	728	734	735	729	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	176.		TEMP= 25.0	TAUMX= 4.6107		SIGE= 9.1152								
EP=	.000030	.000031		-.000027		.000000	-.000013	.000004	EPPR=	.000032	.000030		-.000028			
SIG=	9.8283	9.9299		.95517		.22945-02	-1.0231	.31749	SIGPR=	10.050	9.8342		.82894			

EL= 483	NODES= 693	699	700	694	729	735	736	730	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	176.		TEMP= 25.0	TAUMX= 4.7314		SIGE= 8.9471								
EP=	.000030	.000022	-.000030	-.000000	.000013	.000004	EPPR=	.000030	.000023	-.000031						
SIG=	8.0627	6.8078	-1.2523	-.99803-02	1.0156	.31722	SIGPR=	9.0740	6.9331	-1.3888						
EL= 484	NODES= 694	700	701	695	730	736	737	731	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	176.		TEMP= 25.0	TAUMX= 5.6603		SIGE= 10.469								
EP=	.000030	.000043	-.000030	-.000000	-.000009	.000004	EPPR=	.000043	.000030	-.000030						
SIG=	11.250	13.202	-1.9849	-.42283-02	-.72509	.30498	SIGPR=	13.249	11.259	1.9283						
EL= 485	NODES= 695	701	702	696	731	737	738	732	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	176.		TEMP= 25.0	TAUMX= 7.2538		SIGE= 13.344								
EP=	.000030	.000039	-.000036	-.000001	-.000056	.000003	EPPR=	.000048	.000030	-.000046						
SIG=	9.6147	10.951	-.71991	-.57601-01	-4.2986	.27020	SIGPR=	12.370	9.6125	-2.1371						
EL= 486	NODES= 697	703	704	698	733	739	740	734	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.625+04	500.	176.		TEMP= 25.0	TAUMX= 4.5176		SIGE= 8.8977								
EP=	.000027	.000028	-.000028	.000000	.000013	-.000008	EPPR=	.000029	.000027	-.000029						
SIG=	8.1430	8.3171	-.41287	.59503-02	1.0284	-.65149	SIGPR=	8.4547	8.1730	-.58048						
EL= 487	NODES= 698	704	705	699	734	740	741	735	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	176.		TEMP= 25.0	TAUMX= 4.5946		SIGE= 8.8545								
EP=	.000027	.000031	-.000027	-.000000	-.000013	-.000008	EPPR=	.000032	.000027	-.000028						
SIG=	8.8647	9.4970	.59752	-.20781-02	-1.0222	-.65685	SIGPR=	9.6202	8.9080	.43108						
EL= 488	NODES= 699	705	706	700	735	741	742	736	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	176.		TEMP= 25.0	TAUMX= 4.4790		SIGE= 8.6413								
EP=	.000027	.000022	-.000029	.000000	.000013	-.000008	EPPR=	.000027	.000023	-.000031						
SIG=	7.1341	6.3952	-1.5944	.16774-01	1.0149	-.65755	SIGPR=	7.1885	6.5159	-1.7694						
EL= 489	NODES= 700	706	707	701	736	742	743	737	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	176.		TEMP= 25.0	TAUMX= 5.6544		SIGE= 10.288								
EP=	.000027	.000043	-.000029	-.000000	-.000010	-.000008	EPPR=	.000043	.000027	-.000030						
SIG=	10.254	12.755	1.5901	-.45349-02	-.73577	-.63893	SIGPR=	12.804	10.300	1.4954						
EL= 490	NODES= 701	707	708	702	737	743	744	738	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	176.		TEMP= 25.0	TAUMX= 7.2813		SIGE= 13.203								
EP=	.000027	.000039	-.000036	.000001	-.000056	-.000007	EPPR=	.000049	.000027	-.000045						
SIG=	8.6368	10.578	-1.1042	.82917-01	-4.3106	-.57486	SIGPR=	12.016	8.6411	-2.5468						
EL= 491	NODES= 703	709	710	704	739	745	746	740	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.875+04	500.	176.		TEMP= 25.0	TAUMX= 4.7006		SIGE= 9.2439								
EP=	.000028	.000028	-.000028	-.000000	.000013	.000018	EPPR=	.000030	.000028	-.000031						
SIG=	8.5726	8.5144	-.22315	-.14961-01	1.0265	1.3571	SIGPR=	8.8591	8.5467	-.54205						
EL= 492	NODES= 704	710	711	705	740	746	747	741	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	176.		TEMP= 25.0	TAUMX= 4.7004		SIGE= 9.1958								
EP=	.000028	.000031	-.000027	.000000	-.000013	.000018	EPPR=	.000032	.000029	-.000029						
SIG=	9.2896	9.6907	.78540	.58466-02	-1.0209	1.3592	SIGPR=	9.8638	9.4390	.46295						
EL= 493	NODES= 705	711	712	706	741	747	748	742	MAT= 2	VOL= .1250+09						3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	176.		TEMP= 25.0	TAUMX= 4.7413		SIGE= 9.0036								
EP=	.000028	.000022	-.000029	-.000000	.000013	.000018	EPPR=	.000030	.000023	-.000032						
SIG=	7.5080	6.5730	-1.4256	-.22471-01	1.0158	1.3709	SIGPR=	7.7294	6.6793	-1.7532						

EL= 494	NODES= 706	712	713	707	742	748	749	743	MAT= 2	VOL= .1250+09				3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	176.		TEMP= 25.0		TAUMX= 5.7189		SIGE= 10.565					
EP=	.000029	.000043	-.000029		.000000		-.000009		.000017	EPPR= .000043	.000030	-.000031		
SIG=	10.818	13.008	1.8592		.36955-01		-.72395		1.3367	SIGPR= 13.056	11.011	1.6183		
EL= 495	NODES= 707	713	714	708	743	749	750	744	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.875+04	.450+04	176.		TEMP= 25.0		TAUMX= 7.3604		SIGE= 13.454					
EP=	.000029	.000039	-.000036		-.000002		-.000056		.000015	EPPR= .000049	.000029	-.000046		
SIG=	9.2570	10.818	-.83375		-.12173		-4.3455		1.1971	SIGPR= 12.341	9.2798	-2.3796		
EL= 496	NODES= 709	715	716	710	745	751	752	746	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.112+05	500.	176.		TEMP= 25.0		TAUMX= 6.0738		SIGE= 11.300					
EP=	.000037	.000028	-.000032		.000000		.000013		-.000035	EPPR= .000041	.000028	-.000037		
SIG=	10.532	9.1830	-.17952		.31539-01		1.0301		-2.7319	SIGPR= 11.211	9.2609	-.93666		
EL= 497	NODES= 710	716	717	711	746	752	753	747	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.112+05	.150+04	176.		TEMP= 25.0		TAUMX= 5.9473		SIGE= 11.210					
EP=	.000037	.000031	-.000031		-.000000		-.000013		-.000035	EPPR= .000041	.000031	-.000036		
SIG=	11.249	10.358	.82186		-.27525-01		-1.0265		-2.7247	SIGPR= 11.950	13.424	.55033-01		
EL= 498	NODES= 711	717	718	712	747	753	754	748	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.112+05	.250+04	176.		TEMP= 25.0		TAUMX= 6.1547		SIGE= 11.169					
EP=	.000037	.000022	-.000033		.000001		.000013		-.000036	EPPR= .000041	.000023	-.000038		
SIG=	9.5230	7.2769	-1.3516		.40611-01		1.0194		-2.7530	SIGPR= 10.194	7.3699	-2.1155		
EL= 499	NODES= 712	718	719	713	748	754	755	749	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.112+05	.350+04	176.		TEMP= 25.0		TAUMX= 6.1948		SIGE= 12.120					
EP=	.000035	.000043	-.000033		-.000001		-.000009		-.000034	EPPR= .000043	.000039	-.000037		
SIG=	12.335	13.468	1.8037		-.92933-01		-.70638		-2.6608	SIGPR= 13.519	12.959	1.1289		
EL= 500	NODES= 713	719	720	714	749	755	756	750	MAT= 2	VOL= .1250+09			3-D SOLID 45	
XC,YC,ZC=	.112+05	.450+04	176.		TEMP= 25.0		TAUMX= 7.5488		SIGE= 14.156					
EP=	.000035	.000037	-.000039		.000002		-.000052		-.000030	EPPR= .000048	.000035	-.000049		
SIG=	10.527	10.874	-.88789		.18083		-4.0556		-2.3512	SIGPR= 12.577	10.456	-2.5202		
EL= 501	NODES= 721	727	728	722	757	763	764	758	MAT= 2	VOL= .5000+09			3-D SOLID 45	
XC,YC,ZC=	.125+04	500.	301.		TEMP= 25.0		TAUMX= 4.1254		SIGE= 8.1869					
EP=	.000026	.000026	-.000026		.000000		.000006		.000004	EPPR= .000027	.000026	-.000027		
SIG=	7.8576	7.9627	-.20772		.16161-02		.50243		.34607	SIGPR= 7.9976	7.8682	-.25321		
EL= 502	NODES= 722	728	729	723	758	764	765	759	MAT= 2	VOL= .5000+09			3-D SOLID 45	
XC,YC,ZC=	.125+04	.150+04	301.		TEMP= 25.0		TAUMX= 3.9616		SIGE= 7.8823					
EP=	.000026	.000026	-.000024		-.000000		-.000008		.000004	EPPR= .000026	.000026	-.000025		
SIG=	8.0654	8.0954	.29159		-.60405-03		-.60716		.34577	SIGPR= 8.1526	8.0703	.22947		
EL= 503	NODES= 723	729	730	724	759	765	766	760	MAT= 2	VOL= .5000+09			3-D SOLID 45	
XC,YC,ZC=	.125+04	.250+04	301.		TEMP= 25.0		TAUMX= 4.3058		SIGE= 8.5627					
EP=	.000026	.000025	-.000029		.000000		.000013		.000004	EPPR= .000026	.000025	-.000029		
SIG=	7.3099	7.1988	-1.1076		.85739-02		1.0054		.34454	SIGPR= 7.3704	7.2718	-1.2412		
EL= 504	NODES= 724	730	731	725	760	766	767	761	MAT= 2	VOL= .5000+09			3-D SOLID 45	
XC,YC,ZC=	.125+04	.350+04	301.		TEMP= 25.0		TAUMX= 4.7680		SIGE= 8.8414					
EP=	.000026	.000034	-.000023		.000000		-.000024		.000004	EPPR= .000036	.000026	-.000025		
SIG=	9.4930	10.727	1.9810		.91959-02		-1.8789		.34499	SIGPR= 11.116	9.5053	1.5798		

EL= 505	NODES= 725	731	732	726	761	767	768	762	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	301.		TEMP= 25.0	TAUMX= 4.5951		SIGE= 9.2549						
EP=	.000026	.000024	-.000029	.000001	-.000029	.000005	EPPR=	.000028	.000026	-.000033				
SIG=	7.0339	6.7225	-1.4746	.43104-01	-2.2673	.35682	SIGPR=	7.3162	7.0395	-2.0739				
EL= 506	NODES= 727	733	734	728	763	769	770	764	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	301.		TEMP= 25.0	TAUMX= 4.2166		SIGE= 8.3219						
EP=	.000028	.000026	-.000026	-.000000	.000006	-.000004	EPPR=	.000028	.000027	-.000026				
SIG=	8.5852	8.3401	.20360	-.21818-02	.50231	-.29331	SIGPR=	8.5964	8.3693	.16322				
EL= 507	NODES= 728	734	735	729	764	770	771	765	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	301.		TEMP= 25.0	TAUMX= 4.0807		SIGE= 8.0202						
EP=	.000028	.000026	-.000024	.000000	-.000008	-.000004	EPPR=	.000028	.000026	-.000025				
SIG=	8.7966	8.4730	.70396	.21006-02	-.60743	-.28305	SIGPR=	8.8084	8.5182	.64700				
EL= 508	NODES= 729	735	736	730	765	771	772	766	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	301.		TEMP= 25.0	TAUMX= 4.4361		SIGE= 8.6983						
EP=	.000028	.000025	-.000028	-.000000	.000013	-.000004	EPPR=	.000028	.000026	-.000029				
SIG=	8.0269	7.5669	-.70195	-.98090-02	1.0056	-.28108	SIGPR=	8.0409	7.6821	-.83121				
EL= 509	NODES= 730	736	737	731	766	772	773	767	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	301.		TEMP= 25.0	TAUMX= 4.7442		SIGE= 8.9245						
EP=	.000028	.000034	-.000023	-.000000	-.000024	-.000004	EPPR=	.000036	.000028	-.000025				
SIG=	10.218	11.100	2.3942	-.60224-02	-1.8720	-.28204	SIGPR=	11.488	10.226	1.9993				
EL= 510	NODES= 731	737	738	732	767	773	774	768	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	301.		TEMP= 25.0	TAUMX= 4.7089		SIGE= 9.3626						
EP=	.000028	.000024	-.000029	-.000001	-.000029	-.000004	EPPR=	.000028	.000027	-.000033				
SIG=	7.7259	7.0536	-1.0844	-.52552-01	-2.2531	-.30090	SIGPR=	7.7414	7.6301	-1.6764				
EL= 511	NODES= 733	739	740	734	769	775	776	770	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	500.	301.		TEMP= 25.0	TAUMX= 4.1281		SIGE= 8.0318						
EP=	.000024	.000026	-.000026	.000000	.000006	.000001	EPPR=	.000027	.000024	-.000027				
SIG=	7.1841	7.6233	-.57056	.56257-02	.50258	.79563-01	SIGPR=	7.6542	7.1847	-.60207				
EL= 512	NODES= 734	740	741	735	770	776	777	771	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	301.		TEMP= 25.0	TAUMX= 3.9614		SIGE= 7.7253						
EP=	.000024	.000026	-.000025	-.000000	-.000008	.000001	EPPR=	.000026	.000024	-.000025				
SIG=	7.3918	7.7572	-.71031-01	-.18166-02	-.60717	.79028-01	SIGPR=	7.8042	7.3925	-.11867				
EL= 513	NODES= 735	741	742	736	771	777	778	772	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	301.		TEMP= 25.0	TAUMX= 4.2873		SIGE= 8.4111						
EP=	.000024	.000025	-.000029	.000000	.000013	.000001	EPPR=	.000026	.000024	-.000030				
SIG=	6.6547	6.8695	-1.4639	.16251-01	1.0047	.74188-01	SIGPR=	6.9907	6.6534	-1.5840				
EL= 514	NODES= 736	742	743	737	772	778	779	773	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	301.		TEMP= 25.0	TAUMX= 4.7793		SIGE= 8.7439						
EP=	.000024	.000034	-.000023	.000000	-.000024	.000001	EPPR=	.000036	.000024	-.000025				
SIG=	8.8114	10.386	1.6062	.36964-03	-1.8824	.79944-01	SIGPR=	10.775	8.8120	1.2164				
EL= 515	NODES= 737	743	744	738	773	779	780	774	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	301.		TEMP= 25.0	TAUMX= 4.7149		SIGE= 9.1308						
EP=	.000024	.000024	-.000029	.000001	-.000029	.000002	EPPR=	.000028	.000024	-.000033				
SIG=	6.3932	6.4331	-1.8181	.78769-01	-2.2769	.12280	SIGPR=	7.0230	6.3921	-2.4069				

EL= 516	NODES= 739	745	746	740	775	781	782	776	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.875+04	500.	301.		TEMP= 25.0		TAUMX= 4.3067		SIGE= 8.4151				
EP=	.000029	.000026	-.000026		-.000000		.000006		.000006	EPPR= .000029	.000027	-.000026	
SIG=	8.9206	8.5070	-.39356		-.14080-01		.50065		.48576	SIGPR= 8.9487	8.5372	.33531	
EL= 517	NODES= 740	746	747	741	776	782	783	777	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	301.		TEMP= 25.0		TAUMX= 4.1695		SIGE= 8.1133				
EP=	.000029	.000026	-.000024		.000000		-.000008		.000006	EPPR= .000029	.000026	-.000025	
SIG=	9.1252	8.6390	.89223		.48459-02		-.60653		.48574	SIGPR= 9.1557	8.6839	.31676	
EL= 518	NODES= 741	747	748	742	777	783	784	778	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	301.		TEMP= 25.0		TAUMX= 4.5181		SIGE= 8.7830				
EP=	.000029	.000025	-.000028		-.000000		.000013		.000006	EPPR= .000029	.000026	-.000029	
SIG=	8.3423	7.7352	-.51646		-.20547-01		1.0041		.49466	SIGPR= 8.3722	7.8528	-.66395	
EL= 519	NODES= 742	748	749	743	778	784	785	779	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	301.		TEMP= 25.0		TAUMX= 4.7407		SIGE= 9.0039				
EP=	.000029	.000034	-.000022		.000000		-.000024		.000006	EPPR= .000036	.000029	-.000025	
SIG=	10.625	11.300	2.6212		.21935-01		-1.8716		.46327	SIGPR= 11.691	12.645	2.2099	
EL= 520	NODES= 743	749	750	744	779	785	786	780	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	301.		TEMP= 25.0		TAUMX= 4.8712		SIGE= 9.4939				
EP=	.000029	.000024	-.000029		-.000002		-.000030		.000005	EPPR= .000030	.000027	-.000033	
SIG=	8.0914	7.2177	-.91219		-.13016		-2.2901		.35953	SIGPR= 8.2192	7.7009	-1.5232	
EL= 521	NODES= 745	751	752	746	781	787	788	782	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.112+05	500.	301.		TEMP= 25.0		TAUMX= 4.5153		SIGE= 8.8653				
EP=	.000026	.000026	-.000027		.000000		.000006		-.000024	EPPR= .000029	.000026	-.000030	
SIG=	7.8618	7.9248	-.33268		.28239-01		.50237		-1.8406	SIGPR= 8.2750	7.9346	-.75559	
EL= 522	NODES= 746	752	753	747	782	788	789	783	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	301.		TEMP= 25.0		TAUMX= 4.3973		SIGE= 8.5871				
EP=	.000026	.000026	-.000025		-.000000		-.000008		-.000024	EPPR= .000029	.000026	-.000028	
SIG=	8.0672	8.0579	.15914		-.23828-01		-.60939		-1.8402	SIGPR= 8.5035	8.0720	-.29123	
EL= 523	NODES= 747	753	754	748	783	789	790	784	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	301.		TEMP= 25.0		TAUMX= 4.7417		SIGE= 9.2220				
EP=	.000026	.000025	-.000029		.000000		.000013		-.000024	EPPR= .000029	.000025	-.000032	
SIG=	7.3207	7.1768	-1.2127		.31320-01		1.0010		-1.8641	SIGPR= 7.7718	7.2246	-1.7116	
EL= 524	NODES= 748	754	755	749	784	790	791	785	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	301.		TEMP= 25.0		TAUMX= 4.9568		SIGE= 9.2784				
EP=	.000025	.000034	-.000023		-.000001		-.000023		-.000022	EPPR= .000036	.000027	-.000028	
SIG=	9.2221	10.551	1.7676		-.53264-01		-1.8062		-1.7371	SIGPR= 10.964	9.5257	1.0506	
EL= 525	NODES= 749	755	756	750	785	791	792	786	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	301.		TEMP= 25.0		TAUMX= 4.9423		SIGE= 9.3545				
EP=	.000026	.000023	-.000029		.000003		-.000026		-.000019	EPPR= .000030	.000023	-.000033	
SIG=	6.9175	6.5118	-1.5438		.25117		-2.0310		-1.4853	SIGPR= 7.6467	6.4765	-2.2379	
EL= 526	NODES= 757	763	764	758	793	799	800	794	MAT= 2	VOL= .5000+09		3-D SOLID	45
XC,YC,ZC=	.125+04	500.	501.		TEMP= 25.0		TAUMX= 3.5190		SIGE= 7.0013				
EP=	.000022	.000023	-.000022		.000000		.000002		.000005	EPPR= .000023	.000022	-.000023	
SIG=	6.8366	6.9281	-.81031-01		.14786-02		.13735		.39437	SIGPR= 6.9320	6.8579	-.10611	

EL= 527	NODES= 758	764	765	759	794	800	801	795	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	501.	TEMP=	25.0	TAUMX=	3.4124	SIGE=	6.7270					
EP=	.000022	.000021	-.000022		-.000000	-.000002	.000005	EPPR=	.000022	.000021	-.000022			
SIG=	6.7088	6.5290	-.66790-01		-.47783-03	-.14749	.39395	SIGPR=	6.7320	6.5318	-.92891-01			
EL= 528	NODES= 759	765	766	760	795	801	802	796	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	501.	TEMP=	25.0	TAUMX=	3.9025	SIGE=	7.5916					
EP=	.000022	.000025	-.000025		.000000	.000006	.000005	EPPR=	.000025	.000022	-.000025			
SIG=	6.8091	7.2395	-.47827		.79878-02	.49853	.39105	SIGPR=	7.2740	6.8273	-.53103			
EL= 529	NODES= 760	766	767	761	796	802	803	797	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	501.	TEMP=	25.0	TAUMX=	3.4107	SIGE=	6.5980					
EP=	.000022	.000021	-.000014		.000000	-.000026	.000005	EPPR=	.000025	.000022	-.000019			
SIG=	7.7351	7.4850	2.0835		.85739-02	-2.0411	.36524	SIGPR=	8.1990	7.7270	1.3777			
EL= 530	NODES= 761	767	768	762	797	803	804	798	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	501.	TEMP=	25.0	TAUMX=	3.4725	SIGE=	6.2281					
EP=	.000022	.000010	-.000022		.000000	-.000005	.000005	EPPR=	.000022	.000010	-.000022			
SIG=	4.9947	3.1344	-1.8799		.36730-01	-.36805	.36650	SIGPR=	5.0165	3.1612	-1.9285			
EL= 531	NODES= 763	769	770	764	799	805	806	800	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	501.	TEMP=	25.0	TAUMX=	3.5098	SIGE=	6.9733					
EP=	.000023	.000023	-.000022		-.000000	.000002	-.000005	EPPR=	.000023	.000023	-.000022			
SIG=	7.2547	7.1909	.29287		-.19113-02	.13709	-.42584	SIGPR=	7.2818	7.1924	.26422			
EL= 532	NODES= 764	770	771	765	800	806	807	801	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	501.	TEMP=	25.0	TAUMX=	3.4395	SIGE=	6.7050					
EP=	.000023	.000021	-.000021		.000000	-.000002	-.000005	EPPR=	.000023	.000021	-.000021			
SIG=	7.1311	6.7923	.30876		.18888-02	-.14761	-.42553	SIGPR=	7.1579	6.7953	.27899			
EL= 533	NODES= 765	771	772	766	801	807	808	802	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	501.	TEMP=	25.0	TAUMX=	3.8485	SIGE=	7.5549					
EP=	.000023	.000025	-.000024		-.000000	.000006	-.000005	EPPR=	.000025	.000023	-.000024			
SIG=	7.2206	7.4952	-.10778		-.90877-02	.49966	-.42195	SIGPR=	7.5326	7.2399	-.16441			
EL= 534	NODES= 766	772	773	767	802	808	809	803	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	501.	TEMP=	25.0	TAUMX=	3.3749	SIGE=	6.5754					
EP=	.000023	.000021	-.000014		-.000000	-.000026	-.000005	EPPR=	.000025	.000023	-.000018			
SIG=	8.1492	7.7429	2.4503		-.61487-02	-2.0323	-.41519	SIGPR=	8.4854	8.1214	1.7355			
EL= 535	NODES= 767	773	774	768	803	809	810	804	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	501.	TEMP=	25.0	TAUMX=	3.4955	SIGE=	6.2331					
EP=	.000023	.000010	-.000021		-.000001	-.000005	-.000005	EPPR=	.000023	.000010	-.000022			
SIG=	5.3712	3.3574	-1.5436		-.44411-01	-.35367	-.41854	SIGPR=	5.3967	3.3827	-1.5944			
EL= 536	NODES= 769	775	776	770	805	811	812	806	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	500.	501.	TEMP=	25.0	TAUMX=	3.5804	SIGE=	7.0086					
EP=	.000021	.000023	-.000023		.000000	.000002	.000005	EPPR=	.000023	.000021	-.000023			
SIG=	6.2435	6.5808	-.54785		.49947-02	.13770	.42293	SIGPR=	6.5840	6.2691	-.57671			
EL= 537	NODES= 770	776	777	771	806	812	813	807	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	501.	TEMP=	25.0	TAUMX=	3.3762	SIGE=	6.7278					
EP=	.000021	.000021	-.000022		-.000000	-.000002	.000005	EPPR=	.000021	.000021	-.000022			
SIG=	6.1146	6.1827	-.53403		-.12962-02	-.14742	.42308	SIGPR=	6.1883	6.1390	-.56405			

EL= 538	NODES= 771	777	778	772	807	813	814	808	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	501.		TEMP= 25.0		TAUMX= 3.9652		SIGE= 7.6117						
EP=	.000021	.000025	-.000026		.000000		.000006		.000005	EPPR= .000025	.000021	-.000026			
SIG=	6.2292	6.9003	-.94063		.15178-01		.49754		.41875	SIGPR= 6.9343	6.2507	-.99614			
EL= 539	NODES= 772	778	779	773	808	814	815	809	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	501.		TEMP= 25.0		TAUMX= 3.4641		SIGE= 6.6068						
EP=	.000021	.000021	-.000015		.000000		-.000027		.000005	EPPR= .000025	.000021	-.000020			
SIG=	7.1433	7.1404	1.6193		.41472-02		-2.0528		.41222	SIGPR= 7.8433	7.1448	.71497			
EL= 540	NODES= 773	779	780	774	809	815	816	810	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	501.		TEMP= 25.0		TAUMX= 3.4220		SIGE= 6.1952						
EP=	.000021	.000010	-.000023		.000001		-.000005		.000005	EPPR= .000021	.000011	-.000023			
SIG=	4.4738	2.8551	-2.2871		.66942-01		-.38137		.42550	SIGPR= 4.5017	2.8824	-2.3423			
EL= 541	NODES= 775	781	782	776	811	817	818	812	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.875+04	500.	501.		TEMP= 25.0		TAUMX= 3.6749		SIGE= 7.1143						
EP=	.000026	.000023	-.000021		-.000000		.000002		-.000002	EPPR= .000026	.000023	-.000021			
SIG=	8.1368	7.6419	.79802		-.12340-01		.13625		-.16968	SIGPR= 8.1412	7.6441	.79140			
EL= 542	NODES= 776	782	783	777	812	818	819	813	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	501.		TEMP= 25.0		TAUMX= 3.6033		SIGE= 6.8562						
EP=	.000026	.000021	-.000020		.000000		-.000002		-.000002	EPPR= .000026	.000021	-.000021			
SIG=	8.0088	7.2445	.81350		.33403-02		-.14727		-.16817	SIGPR= 8.0128	7.2478	.80621			
EL= 543	NODES= 777	783	784	778	813	819	820	814	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	501.		TEMP= 25.0		TAUMX= 3.8703		SIGE= 7.6737						
EP=	.000026	.000025	-.000024		-.000000		.000006		-.000002	EPPR= .000026	.000025	-.000024			
SIG=	8.0895	7.9488	.39541		-.18360-01		.49903		-.16113	SIGPR= 8.0998	7.9746	.35929			
EL= 544	NODES= 778	784	785	779	814	820	821	815	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	501.		TEMP= 25.0		TAUMX= 3.4070		SIGE= 6.7132						
EP=	.000026	.000021	-.000013		.000000		-.000026		-.000002	EPPR= .000026	.000025	-.000018			
SIG=	9.0688	8.2110	2.9800		.37415-02		-2.0318		-.17906	SIGPR= 9.0934	8.8870	2.2794			
EL= 545	NODES= 779	785	786	780	815	821	822	816	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	501.		TEMP= 25.0		TAUMX= 3.6602		SIGE= 6.4574						
EP=	.000026	.000010	-.000021		-.000002		-.000005		-.000003	EPPR= .000026	.000010	-.000021			
SIG=	6.1305	3.6880	-1.1408		-.13188		-.36968		-.22857	SIGPR= 6.1436	3.7108	-1.1768			
EL= 546	NODES= 781	787	788	782	817	823	824	818	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.112+05	500.	501.		TEMP= 25.0		TAUMX= 3.4096		SIGE= 6.3861						
EP=	.000016	.000023	-.000020		.000000		.000002		-.000011	EPPR= .000023	.000017	-.000021			
SIG=	5.1666	6.2610	-.43484		.23222-01		.13756		-.82053	SIGPR= 6.2639	5.2843	-.55541			
EL= 547	NODES= 782	788	789	783	818	824	825	819	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	501.		TEMP= 25.0		TAUMX= 3.2097		SIGE= 6.0948						
EP=	.000016	.000021	-.000020		-.000000		-.000002		-.000011	EPPR= .000021	.000017	-.000020			
SIG=	5.0362	5.8669	-.42241		-.19920-01		-.15133		-.82792	SIGPR= 5.8705	5.1590	-.54884			
EL= 548	NODES= 783	789	790	784	819	825	826	820	MAT= 2	VOL= .5000+09				3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	501.		TEMP= 25.0		TAUMX= 3.7849		SIGE= 6.9876						
EP=	.000016	.000025	-.000023		.000000		.000006		-.000011	EPPR= .000025	.000016	-.000024			
SIG=	5.1169	6.5634	-.82426		.21164-01		.49662		-.83692	SIGPR= 6.5975	5.2310	-.97240			

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EL= 549	NODES= 784	790	791	785	820	826	827	821	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.112+05	.350+04	501.		TEMP= 25.0		TAUMX= 3.2889		SIGE= 5.9703				
EP=	.000015	.000021	-.000012		.000000		-.000025		-.000009	EPPR= .000025	.000016	-.000017	
SIG=	5.8948	6.7646	1.6044		.11432-01		-1.9374		-.70400	SIGPR= .74478	5.9460	.87002	
EL= 550	NODES= 785	791	792	786	821	827	828	822	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.112+05	.450+04	501.		TEMP= 25.0		TAUMX= 2.9759		SIGE= 5.4453				
EP=	.000017	.000011	-.000020		.000004		-.000003		-.000007	EPPR= .000018	.000010	-.000021	
SIG=	3.6687	2.7063	-2.0614		.32291		-.21113		-.56531	SIGPR= 3.8286	2.6083	-2.1233	
EL= 551	NODES= 793	799	800	794	829	835	836	830	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.125+04	500.	701.		TEMP= 25.0		TAUMX= 2.8922		SIGE= 5.7767				
EP=	.000019	.000019	-.000019		.000000		.000001		.000003	EPPR= .000019	.000019	-.000019	
SIG=	5.7252	5.7220	-.35854-01		.13028-02		.11061		.23211	SIGPR= 5.7370	5.7217	-.47304-01	
EL= 552	NODES= 794	800	801	795	830	836	837	831	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.150+04	701.		TEMP= 25.0		TAUMX= 2.8967		SIGE= 5.7553				
EP=	.000019	.000018	-.000019		-.000000		-.000000		.000003	EPPR= .000019	.000018	-.000019	
SIG=	5.6476	5.5800	-.12710		-.25695-03		-.14055-01		.23230	SIGPR= 5.6569	5.5801	-.13646	
EL= 553	NODES= 795	801	802	796	831	837	838	832	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.250+04	701.		TEMP= 25.0		TAUMX= 3.1231		SIGE= 6.0985				
EP=	.000019	.000021	-.000020		.000000		.000001		.000003	EPPR= .000021	.000019	-.000020	
SIG=	5.8791	6.1932	-.41305-01		.69916-02		.67745-01		.23004	SIGPR= 6.1947	5.8877	-.51453-01	
EL= 554	NODES= 796	802	803	797	832	838	839	833	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.350+04	701.		TEMP= 25.0		TAUMX= 2.3979		SIGE= 4.5401				
EP=	.000019	.000012	-.000009		.000000		-.000018		.000003	EPPR= .000019	.000015	-.000012	
SIG=	6.1696	5.0919	1.9457		.66716-02		-1.4154		.22473	SIGPR= 6.1890	5.6250	1.3932	
EL= 555	NODES= 797	803	804	798	833	839	840	834	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.125+04	.450+04	701.		TEMP= 25.0		TAUMX= 2.9030		SIGE= 5.1038				
EP=	.000019	.000005	-.000018		.000000		.000007		.000003	EPPR= .000019	.000006	-.000019	
SIG=	3.7455	1.6412	-1.9534		.31636-01		.57184		.22516	SIGPR= 3.7558	1.7279	-2.0503	
EL= 556	NODES= 799	805	806	800	835	841	842	836	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.375+04	500.	701.		TEMP= 25.0		TAUMX= 2.8246		SIGE= 5.6347				
EP=	.000018	.000019	-.000018		-.000000		.000001		-.000004	EPPR= .000019	.000019	-.000018	
SIG=	5.7735	5.8124	.18550		-.15800-02		.11033		-.29897	SIGPR= 5.8166	5.7875	.16740	
EL= 557	NODES= 800	806	807	801	836	842	843	837	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.150+04	701.		TEMP= 25.0		TAUMX= 2.8179		SIGE= 5.6135				
EP=	.000018	.000018	-.000018		.000000		-.000000		-.000004	EPPR= .000019	.000018	-.000018	
SIG=	5.6998	5.6707	.95723-01		.15146-02		-.13880-01		-.29817	SIGPR= 5.7157	5.6707	.79870-01	
EL= 558	NODES= 801	807	808	802	837	843	844	838	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.250+04	701.		TEMP= 25.0		TAUMX= 3.0596		SIGE= 5.9559				
EP=	.000018	.000021	-.000019		-.000000		.000001		-.000004	EPPR= .000021	.000019	-.000019	
SIG=	5.9243	6.2783	.17732		-.78481-02		.89165-01		-.29540	SIGPR= 6.2800	5.9390	.16089	
EL= 559	NODES= 802	808	809	803	838	844	845	839	MAT= 2	VOL= .5000+09			3-D SOLID 45
XC,YC,ZC=	.375+04	.350+04	701.		TEMP= 25.0		TAUMX= 2.3348		SIGE= 4.4238				
EP=	.000018	.000012	-.000008		-.000000		-.000018		-.000004	EPPR= .000019	.000015	-.000011	
SIG=	6.2236	5.1833	2.1588		-.41292-02		-1.4077		-.28778	SIGPR= 6.2589	5.7174	1.5893	

EL= 560	NODES= 803	809	810	804	839	845	846	840	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.375+04	.450+04	701.		TEMP= 25.0	TAUMX= 2.8323	SIGE= 4.9772					
EP=	.000018	.000005	-.000017	-.000000	.000007	-.000004	EPPR= .000019	.000006	-.000018			
SIG=	3.7753	1.7099	-1.7645	-.36910-01	.57970	-.28694	SIGPR= 3.7923	1.8007	-1.8723			
EL= 561	NODES= 805	811	812	806	841	847	848	842	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.625+04	500.	701.		TEMP= 25.0	TAUMX= 2.9850	SIGE= 5.9522					
EP=	.000018	.000019	-.000020	.000000	.000001	.000005	EPPR= .000019	.000018	-.000020			
SIG=	5.4521	5.5041	-.43061	.41562-02	.11100	.39869	SIGPR= 5.5104	5.4747	-.45955			
EL= 562	NODES= 806	812	813	807	842	848	849	843	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.625+04	.150+04	701.		TEMP= 25.0	TAUMX= 2.9747	SIGE= 5.9312					
EP=	.000018	.000018	-.000020	-.000000	-.000000	.000005	EPPR= .000019	.000018	-.000020			
SIG=	5.3725	5.3626	-.52345	-.41472-03	-.13862-01	.39769	SIGPR= 5.3992	5.3626	-.55018			
EL= 563	NODES= 807	813	814	808	843	849	850	844	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.625+04	.250+04	701.		TEMP= 25.0	TAUMX= 3.2213	SIGE= 6.2775					
EP=	.000018	.000021	-.000021	.000000	.000001	.000005	EPPR= .000021	.000019	-.000021			
SIG=	5.6147	5.9811	-.43273	.13366-01	.85833-01	.39319	SIGPR= 5.9832	5.6391	-.45930			
EL= 564	NODES= 808	814	815	809	844	850	851	845	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.625+04	.350+04	701.		TEMP= 25.0	TAUMX= 2.4731	SIGE= 4.6839					
EP=	.000018	.000012	-.000010	.000000	-.000018	.000005	EPPR= .000019	.000015	-.000013			
SIG=	5.8933	4.8735	1.5614	.34890-02	-1.4269	.38421	SIGPR= 5.9510	5.3725	1.0047			
EL= 565	NODES= 809	815	816	810	845	851	852	846	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.625+04	.450+04	701.		TEMP= 25.0	TAUMX= 2.9748	SIGE= 5.2427					
EP=	.000018	.000005	-.000019	.000001	.000007	.000005	EPPR= .000019	.000006	-.000020			
SIG=	3.5353	1.4831	-2.2798	.56997-01	.56025	.38380	SIGPR= 3.5648	1.5585	-2.3848			
EL= 566	NODES= 811	817	818	812	847	853	854	848	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.875+04	500.	701.		TEMP= 25.0	TAUMX= 2.9356	SIGE= 5.7039					
EP=	.000021	.000019	-.000017	-.000000	.000001	-.000005	EPPR= .000021	.000019	-.000017			
SIG=	6.6041	6.2779	.78614	-.10016-01	.10967	-.38352	SIGPR= 6.6301	6.2792	.75882			
EL= 567	NODES= 812	818	819	813	848	854	855	849	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.875+04	.150+04	701.		TEMP= 25.0	TAUMX= 2.9402	SIGE= 5.6843					
EP=	.000021	.000018	-.000017	.000000	-.000000	-.000005	EPPR= .000021	.000018	-.000017			
SIG=	6.5281	6.1380	.69744	.15642-02	-.14015-01	-.38162	SIGPR= 6.5529	6.1380	.67254			
EL= 568	NODES= 813	819	820	814	849	855	856	850	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.875+04	.250+04	701.		TEMP= 25.0	TAUMX= 3.0161	SIGE= 6.0076					
EP=	.000021	.000021	-.000018	-.000000	.000001	-.000005	EPPR= .000021	.000021	-.000018			
SIG=	6.7472	6.7487	.77823	-.16801-01	.88962-01	-.37838	SIGPR= 6.7853	6.7358	.75305			
EL= 569	NODES= 814	820	821	815	850	856	857	851	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.875+04	.350+04	701.		TEMP= 25.0	TAUMX= 2.4752	SIGE= 4.5614					
EP=	.000021	.000012	-.000007	-.000000	-.000018	-.000005	EPPR= .000021	.000015	-.000011			
SIG=	7.0705	5.6500	2.7660	-.62118-02	-1.4060	-.38438	SIGPR= 7.1182	6.2005	2.1677			
EL= 570	NODES= 815	821	822	816	851	857	858	852	MAT= 2	VOL= .5000+09		3-D SOLID 45
XC,YC,ZC=	.875+04	.450+04	701.		TEMP= 25.0	TAUMX= 2.9476	SIGE= 5.1379					
EP=	.000020	.000005	-.000017	-.000002	.000008	-.000005	EPPR= .000021	.000005	-.000017			
SIG=	4.4275	2.0102	-1.3080	-.11981	.58131	-.39400	SIGPR= 4.4650	2.0948	-1.4301			

EL= 571	NODES= 817	823	824	818	853	859	860	854	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	701.	TEMP=	25.0	TAUMX=	2.6667	SIGE=	4.8742					
EP=	.000011	.000019	-.000016		.000000	.000001	-.000002	EPPR=	.000019	.000011	-.000016			
SIG=	3.6630	4.9010	-.46372		.17666-01	.11029	-.12753	SIGPR=	4.9034	3.6668	-.46994			
EL= 572	NODES= 818	824	825	819	854	860	861	855	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	701.	TEMP=	25.0	TAUMX=	2.6590	SIGE=	4.8376					
EP=	.000011	.000018	-.000016		-.000000	-.000000	-.000002	EPPR=	.000018	.000011	-.000016			
SIG=	3.5772	4.7598	-.55344		-.17333-01	-.19541-01	-.13495	SIGPR=	4.7601	3.5814	-.55792			
EL= 573	NODES= 819	825	826	820	855	861	862	856	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	701.	TEMP=	25.0	TAUMX=	2.9190	SIGE=	5.2321					
EP=	.000011	.000021	-.000017		.000000	.000001	-.000002	EPPR=	.000021	.000011	-.000017			
SIG=	3.7747	5.3494	-.48129		.17738-01	.94921-01	-.13095	SIGPR=	5.3511	3.7786	-.48687			
EL= 574	NODES= 820	826	827	821	856	862	863	857	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	701.	TEMP=	25.0	TAUMX=	1.9785	SIGE=	3.6218					
EP=	.000010	.000012	-.000007		.000001	-.000017	-.000000	EPPR=	.000016	.000010	-.000010			
SIG=	4.0317	4.3104	1.3882		.65471-01	-1.3291	-.32826-01	SIGPR=	4.8311	4.0251	.87414			
EL= 575	NODES= 821	827	828	822	857	863	864	858	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	701.	TEMP=	25.0	TAUMX=	2.3145	SIGE=	4.1842					
EP=	.000012	.000006	-.000016		.000004	.000008	.000000	EPPR=	.000013	.000006	-.000017			
SIG=	2.2525	1.2442	-2.1472		.33954	.63681	.33189-02	SIGPR=	2.3647	1.2490	-2.2643			
EL= 576	NODES= 829	835	836	830	865	871	872	866	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	500.	901.	TEMP=	25.0	TAUMX=	2.3010	SIGE=	4.5823					
EP=	.000015	.000015	-.000015		.000000	.000001	.000002	EPPR=	.000015	.000015	-.000015			
SIG=	4.5579	4.5205	-.33496-01		.11179-02	.10353	.13431	SIGPR=	4.5623	4.5225	-.39768-01			
EL= 577	NODES= 830	836	837	831	866	872	873	867	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.150+04	901.	TEMP=	25.0	TAUMX=	2.3502	SIGE=	4.6839					
EP=	.000015	.000015	-.000015		.000000	.000000	.000002	EPPR=	.000015	.000015	-.000015			
SIG=	4.5623	4.5994	-.97149-01		.27047-04	.31555-03	.13447	SIGPR=	4.5994	4.5662	-.10103			
EL= 578	NODES= 831	837	838	832	867	873	874	868	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.250+04	901.	TEMP=	25.0	TAUMX=	2.3141	SIGE=	4.5853					
EP=	.000015	.000016	-.000014		.000000	-.000001	.000002	EPPR=	.000016	.000015	-.000014			
SIG=	4.7384	4.8272	.20662		.60810-02	-.90986-01	.13299	SIGPR=	4.8291	4.7421	.20093			
EL= 579	NODES= 832	838	839	833	868	874	875	869	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	901.	TEMP=	25.0	TAUMX=	1.6614	SIGE=	2.9292					
EP=	.000015	.000006	-.000005		.000000	-.000009	.000002	EPPR=	.000015	.000008	-.000006			
SIG=	4.7541	3.3899	1.6996		.51479-02	-.70842	.13014	SIGPR=	4.7601	3.6461	1.4373			
EL= 580	NODES= 833	839	840	834	869	875	876	870	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	901.	TEMP=	25.0	TAUMX=	2.4856	SIGE=	4.4073					
EP=	.000015	.000003	-.000015		.000000	.000014	.000002	EPPR=	.000015	.000005	-.000017			
SIG=	2.7357	.83637	-1.8612		.27281-01	1.0586	.13199	SIGPR=	2.7415	1.1991	-2.2297			
EL= 581	NODES= 835	841	842	836	871	877	878	872	MAT= 2	VOL= .5000+09			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	901.	TEMP=	25.0	TAUMX=	2.2257	SIGE=	4.4149					
EP=	.000014	.000015	-.000014		-.000000	.000001	-.000003	EPPR=	.000015	.000014	-.000014			
SIG=	4.4452	4.5245	.86902-01		-.12329-02	.10316	-.19427	SIGPR=	4.5273	4.4534	.75875-01			

EL= 582	NODES= 836	842	843	837	872	878	879	873	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.775+04	.150+04	901.	TEMP=	25.0	TAUMX=	2.2936	SIGE=	4.5180				
EP=	.000014	.000015	-.000014		.000000	.000000	-.000003	EPPR=	.000015	.000014	-.000014		
SIG=	4.4529	4.6034	.24619-01		.10097-02	.33869-03	-.19408	SIGPR=	4.6034	4.4614	.16130-01		
EL= 583	NODES= 837	843	844	838	873	879	880	874	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.375+04	.250+04	901.	TEMP=	25.0	TAUMX=	2.2574	SIGE=	4.4199				
EP=	.000014	.000016	-.000014		.000000	-.000001	-.000002	EPPR=	.000016	.000014	-.000014		
SIG=	4.6239	4.8269	.32424		-.64732-02	-.89701-01	-.19137	SIGPR=	4.8287	4.6323	.31395		
EL= 584	NODES= 838	844	845	839	874	880	881	875	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	901.	TEMP=	25.0	TAUMX=	1.5655	SIGE=	2.7687				
EP=	.000014	.000006	-.000004		-.000000	-.000009	-.000002	EPPR=	.000014	.000008	-.000006		
SIG=	4.6544	3.4002	1.8138		-.22359-02	-.70280	-.18670	SIGPR=	4.6683	3.6627	1.5374		
EL= 585	NODES= 839	845	846	840	875	881	882	876	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	901.	TEMP=	25.0	TAUMX=	2.3918	SIGE=	4.2526				
EP=	.000014	.000003	-.000014		-.000000	.000014	-.000002	EPPR=	.000014	.000005	-.000017		
SIG=	2.6255	.83277	-1.7625		-.30536-01	1.0607	-.18609	SIGPR=	2.6371	1.2053	-2.1466		
EL= 586	NODES= 841	847	848	842	877	883	884	878	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	901.	TEMP=	25.0	TAUMX=	2.4405	SIGE=	4.8265				
EP=	.000015	.000015	-.000016		.000000	.000001	.000004	EPPR=	.000015	.000015	-.000016		
SIG=	4.4857	4.3941	-.35236		.33042-02	.10392	.31127	SIGPR=	4.5065	4.3954	-.37455		
EL= 587	NODES= 842	848	849	843	878	884	885	879	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	901.	TEMP=	25.0	TAUMX=	2.4728	SIGE=	4.9284				
EP=	.000015	.000015	-.000016		.000000	.000000	.000004	EPPR=	.000015	.000015	-.000017		
SIG=	4.4886	4.4737	-.41769		.57249-03	.10368-03	.31128	SIGPR=	4.5083	4.4737	-.43736		
EL= 588	NODES= 843	849	850	844	879	885	886	880	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	901.	TEMP=	25.0	TAUMX=	2.4192	SIGE=	4.8297				
EP=	.000015	.000016	-.000016		.000000	-.000001	.000004	EPPR=	.000016	.000015	-.000016		
SIG=	4.6727	4.7047	-.10842		.11324-01	-.93014-01	.30871	SIGPR=	4.7083	4.6908	-.13008		
EL= 589	NODES= 844	850	851	845	880	886	887	881	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	901.	TEMP=	25.0	TAUMX=	1.7873	SIGE=	3.1494				
EP=	.000015	.000006	-.000006		.000000	-.000009	.000004	EPPR=	.000015	.000008	-.000008		
SIG=	4.6745	3.2609	1.3966		.15687-02	-.71617	.30043	SIGPR=	4.7049	3.4967	1.1303		
EL= 590	NODES= 845	851	852	846	881	887	888	882	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	901.	TEMP=	25.0	TAUMX=	2.6024	SIGE=	4.6087				
EP=	.000015	.000003	-.000016		.000001	.000014	.000004	EPPR=	.000015	.000005	-.000018		
SIG=	2.7048	.75422	-2.1169		.45673-01	1.0525	.29541	SIGPR=	2.7297	1.0875	-2.4751		
EL= 591	NODES= 847	853	854	848	883	889	890	884	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	901.	TEMP=	25.0	TAUMX=	2.2512	SIGE=	4.4032				
EP=	.000016	.000015	-.000013		-.000000	.000001	-.000006	EPPR=	.000016	.000015	-.000013		
SIG=	5.1016	4.9326	.68823		-.78278-02	.10262	-.43580	SIGPR=	5.1457	4.9335	.64322		
EL= 592	NODES= 848	854	855	849	884	890	891	885	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	901.	TEMP=	25.0	TAUMX=	2.2819	SIGE=	4.4971				
EP=	.000016	.000015	-.000013		-.000000	.000000	-.000006	EPPR=	.000016	.000015	-.000013		
SIG=	5.1076	5.0131	.62745		-.50487-03	.16679-03	-.43484	SIGPR=	5.1494	5.0130	.58564		

EL= 593	NODES= 849	855	856	850	885	891	892	886	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	901.	TEMP= 25.0	TAUMX= 2.2180	SIGE= 4.3989							
EP=	.000016	.000016	-.000012	-.000000	-.000001	-.000006	EPPR=	.000016	.000016	-.000013			
SIG=	5.2744	5.2409	.92575	-.15155-01	-.89818-01	-.43170	SIGPR=	5.3174	5.2422	-.88141			
EL= 594	NODES= 850	856	857	851	886	892	893	887	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	901.	TEMP= 25.0	TAUMX= 1.6591	SIGE= 2.8945							
EP=	.000016	.000006	-.000003	-.000000	-.000009	-.000006	EPPR=	.000016	.000008	-.000005			
SIG=	5.3139	3.7974	2.4048	-.10512-01	-.70046	-.43028	SIGPR=	5.3819	4.0705	2.0637			
EL= 595	NODES= 851	857	858	852	887	893	894	888	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.875+04	.450+04	901.	TEMP= 25.0	TAUMX= 2.4582	SIGE= 4.3221							
EP=	.000015	.000002	-.000013	-.000001	.000014	-.000005	EPPR=	.000016	.000005	-.000016			
SIG=	3.1056	1.0771	-.13149	-.10097	1.0703	-.41793	SIGPR=	3.1665	1.4511	-1.7499			
EL= 596	NODES= 853	859	860	854	889	895	896	890	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	500.	901.	TEMP= 25.0	TAUMX= 2.1170	SIGE= 3.8001							
EP=	.000007	.000015	-.000012	.000000	.000001	.000005	EPPR=	.000015	.000007	-.000013			
SIG=	2.5598	3.7191	-.46628	.12126-01	.10230	.36523	SIGPR=	3.7219	2.6027	-.51211			
EL= 597	NODES= 854	860	861	855	890	896	897	891	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	901.	TEMP= 25.0	TAUMX= 2.1815	SIGE= 3.9039							
EP=	.000007	.000015	-.000013	-.000000	-.000000	.000005	EPPR=	.000015	.000007	-.000013			
SIG=	2.5496	3.7909	-.53006	-.14393-01	-.59128-02	.36138	SIGPR=	3.7911	2.5913	-.57190			
EL= 598	NODES= 855	861	862	856	891	897	898	892	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.250+04	901.	TEMP= 25.0	TAUMX= 2.1543	SIGE= 3.8350							
EP=	.000007	.000016	-.000012	.000000	-.000001	.000005	EPPR=	.000016	.000007	-.000012			
SIG=	2.6939	4.0069	-.25267	.17855-01	-.79761-01	.37092	SIGPR=	4.0084	2.7398	-.30018			
EL= 599	NODES= 856	862	863	857	892	898	899	893	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.350+04	901.	TEMP= 25.0	TAUMX= 1.0739	SIGE= 2.0827							
EP=	.000007	.000007	-.000003	.000001	-.000009	.000005	EPPR=	.000009	.000008	-.000005			
SIG=	2.7470	2.6866	1.1482	.99749-01	-.66106	.42171	SIGPR=	2.9554	2.8187	.80771			
EL= 600	NODES= 857	863	864	858	893	899	900	894	MAT= 2	VOL= .5000+09	3-D SOLID 45		
XC,YC,ZC=	.112+05	.450+04	901.	TEMP= 25.0	TAUMX= 2.0333	SIGE= 3.6728							
EP=	.000009	.000004	-.000013	.000004	.000014	.000005	EPPR=	.000011	.000004	-.000015			
SIG=	1.3689	.50851	-.20400	.31859	1.0518	.38211	SIGPR=	1.6316	.64074	-2.4349			
EL= 601	NODES= 865	871	872	866	901	907	908	902	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04	500.	.125+04	TEMP= 25.0	TAUMX= 1.2615	SIGE= 2.5123							
EP=	.000008	.000008	-.000008	.000000	.000001	.000001	EPPR=	.000008	.000008	-.000008			
SIG=	2.4792	2.4591	-.37103-01	.88578-03	.64976-01	.76482-01	SIGPR=	2.4819	2.4604	-.41111-01			
EL= 602	NODES= 866	872	873	867	902	908	909	903	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04	.150+04	.125+04	TEMP= 25.0	TAUMX= 1.3184	SIGE= 2.6037							
EP=	.000008	.000009	-.000008	.000000	-.000001	.000001	EPPR=	.000009	.000008	-.000008			
SIG=	2.5182	2.5871	-.45437-01	.32456-03	-.52489-01	.76216-01	SIGPR=	2.5882	2.5204	-.48745-01			
EL= 603	NODES= 867	873	874	868	903	909	910	904	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04	.250+04	.125+04	TEMP= 25.0	TAUMX= 1.1540	SIGE= 2.2648							
EP=	.000008	.000008	-.000007	.000000	-.000001	.000001	EPPR=	.000008	.000008	-.000007			
SIG=	2.6219	2.5340	.32035	.49947-02	-.56582-01	.75030-01	SIGPR=	2.6244	2.5354	.31646			

EL= 604	NODES= 868	874	875	869	904	910	911	905	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.125+04	.350+04	.125+04	TEMP=	25.0	TAUMX=	.73279	SIGE=	1.3017					
EP=	.000000	.000001	-.000001		.000000	.000002	.000001	EPPR=	.000008	.000002	-.000001			
SIG=	2.5313	1.4221	1.1655		.39579-02	.16013	.74011-01	SIGPR=	2.5355	1.5136	1.0699			
EL= 605	NODES= 869	875	876	870	905	911	912	906	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.125+04	.450+04	.125+04	TEMP=	25.0	TAUMX=	1.7459	SIGE=	3.3438					
EP=	.000008	.000001	-.000009		.000000	.000018	.000001	EPPR=	.000008	.000006	-.000014			
SIG=	1.2662	.17801	-1.4209		.21331-01	1.3760	.78925-01	SIGPR=	1.2780	.95911	-2.2138			
EL= 606	NODES= 871	877	878	872	907	913	914	908	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.375+04	500.	.125+04	TEMP=	25.0	TAUMX=	1.2162	SIGE=	2.3959					
EP=	.000008	.000008	-.000008		-.000000	.000001	-.000001	EPPR=	.000008	.000008	-.000008			
SIG=	2.3611	2.4380	.13438-01		-.82042-03	.64795-01	-.99875-01	SIGPR=	2.4399	2.3651	.74741-02			
EL= 607	NODES= 872	878	879	873	908	914	915	909	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.375+04	.150+04	.125+04	TEMP=	25.0	TAUMX=	1.2831	SIGE=	2.4899					
EP=	.000008	.000009	-.000008		.000000	-.000001	-.000001	EPPR=	.000009	.000008	-.000008			
SIG=	2.4026	2.5658	.60171-02		.53192-03	-.52255-01	-.99496-01	SIGPR=	2.5669	2.4067	.83202-03			
EL= 608	NODES= 873	879	880	874	909	915	916	910	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.375+04	.250+04	.125+04	TEMP=	25.0	TAUMX=	1.0753	SIGE=	2.1474					
EP=	.000008	.000008	-.000006		-.000000	-.000001	-.000001	EPPR=	.000008	.000008	-.000006			
SIG=	2.5025	2.5100	.36774		-.48053-02	-.55670-01	-.97824-01	SIGPR=	2.5124	2.5060	.36180			
EL= 609	NODES= 874	880	881	875	910	916	917	911	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.375+04	.350+04	.125+04	TEMP=	25.0	TAUMX=	.66756	SIGE=	1.1839					
EP=	.000008	.000001	-.000000		-.000000	.000002	-.000001	EPPR=	.000008	.000002	-.000001			
SIG=	2.4274	1.4085	1.2129		-.10097-02	.16070	-.96287-01	SIGPR=	2.4352	1.5135	1.1001			
EL= 610	NODES= 875	881	882	876	911	917	918	912	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.375+04	.450+04	.125+04	TEMP=	25.0	TAUMX=	1.6847	SIGE=	3.2527					
EP=	.000008	.000001	-.000009		-.000000	.000018	-.000001	EPPR=	.000008	.000006	-.000014			
SIG=	1.1590	.15442	-1.3809		-.23314-01	1.3711	-.10054	SIGPR=	1.1831	.93575	-2.1862			
EL= 611	NODES= 877	883	884	878	913	919	920	914	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.625+04	500.	.125+04	TEMP=	25.0	TAUMX=	1.3907	SIGE=	2.7237					
EP=	.000009	.000008	-.000009		.000000	.000001	.000002	EPPR=	.000009	.000008	-.000009			
SIG=	2.5143	2.4055	-.24213		.23891-02	.65165-01	.17861	SIGPR=	2.5262	2.4068	-.25524			
EL= 612	NODES= 878	884	885	879	914	920	921	915	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.625+04	.150+04	.125+04	TEMP=	25.0	TAUMX=	1.4138	SIGE=	2.8135					
EP=	.000009	.000009	-.000009		.000000	-.000001	.000002	EPPR=	.000009	.000009	-.000009			
SIG=	2.5531	2.5351	-.25094		.15687-02	-.52967-01	.17813	SIGPR=	2.5644	2.5360	-.26321			
EL= 613	NODES= 879	885	886	880	915	921	922	916	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.625+04	.250+04	.125+04	TEMP=	25.0	TAUMX=	1.2840	SIGE=	2.4784					
EP=	.000009	.000008	-.000008		.000000	-.000001	.000002	EPPR=	.000009	.000008	-.000008			
SIG=	2.6629	2.4838	.12076		.86054-02	-.57736-01	.17587	SIGPR=	2.6751	2.4851	.10723			
EL= 614	NODES= 880	886	887	881	916	922	923	917	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.625+04	.350+04	.125+04	TEMP=	25.0	TAUMX=	.84228	SIGE=	1.4907					
EP=	.000009	.000001	-.000002		.000000	.000002	.000002	EPPR=	.000009	.000001	-.000002			
SIG=	2.5572	1.3655	.97577		.36964-03	.17936	.17221	SIGPR=	2.5761	1.4321	.89030			

EL= 615	NODES= 881	887	888	882	917	923	924	918	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.625+04	.450+04	.125+04	TEMP=	25.0	TAUMX=	1.8514	SIGE=	3.4926					
EP=	.000009	.000001	-.000010		.000000	.000018	.000002	EPPR=	.000009	.000006	-.000015			
SIG=	1.3193	.15205	-1.5825		.33466-01	1.3796	.17195	SIGPR=	1.3530	.88558	-2.3497			
EL= 616	NODES= 883	889	890	884	919	925	926	920	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.875+04	500.	.125+04	TEMP=	25.0	TAUMX=	1.1835	SIGE=	2.3300					
EP=	.000006	.000008	-.000006		-.000000	.000001	-.000005	EPPR=	.000008	.000008	-.000007			
SIG=	2.6938	2.6893	.46383		-.56077-02	.64534-01	-.38880	SIGPR=	2.7633	2.6874	.39628			
EL= 617	NODES= 884	890	891	885	920	926	927	921	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.875+04	.150+04	.125+04	TEMP=	25.0	TAUMX=	1.2142	SIGE=	2.4163					
EP=	.000006	.000009	-.000007		-.000000	-.000001	-.000005	EPPR=	.000009	.000008	-.000007			
SIG=	2.7329	2.8182	.45786		-.29346-02	-.51813-01	-.38871	SIGPR=	2.8207	2.7961	.39218			
EL= 618	NODES= 885	891	892	886	921	927	928	922	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.875+04	.250+04	.125+04	TEMP=	25.0	TAUMX=	1.0783	SIGE=	2.0931					
EP=	.000008	.000008	-.000005		-.000000	-.000001	-.000005	EPPR=	.000008	.000008	-.000005			
SIG=	1.8296	2.7664	.81785		-.12180-01	-.56330-01	-.38613	SIGPR=	2.9012	2.7680	.74465			
EL= 619	NODES= 886	892	893	887	922	928	929	923	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.875+04	.350+04	.125+04	TEMP=	25.0	TAUMX=	.73760	SIGE=	1.3315					
EP=	.000008	.000001	.000001		-.000000	.000002	-.000005	EPPR=	.000009	.000002	-.000001			
SIG=	2.7603	1.6467	1.6440		-.10206-01	.18313	-.37801	SIGPR=	2.8796	1.7670	1.4044			
EL= 620	NODES= 887	893	894	888	923	929	930	924	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.875+04	.450+04	.125+04	TEMP=	25.0	TAUMX=	1.7450	SIGE=	3.2484					
EP=	.000008	.000001	-.000008		-.000001	.000018	-.000005	EPPR=	.000009	.000005	-.000013			
SIG=	1.3747	.28912	-1.0512		-.72495-01	1.3814	-.35624	SIGPR=	1.5524	.99777	-1.9375			
EL= 621	NODES= 889	895	896	890	925	931	932	926	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.112+05	500.	.125+04	TEMP=	25.0	TAUMX=	1.3402	SIGE=	2.5228					
EP=	.000003	.000008	-.000007		.000000	.000001	.000011	EPPR=	.000008	.000006	-.000009			
SIG=	1.2045	1.9307	-.36336		.65589-02	.63867-01	.86182	SIGPR=	1.9347	1.5827	-.74562			
EL= 622	NODES= 890	896	897	891	926	932	933	927	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.112+05	.150+04	.125+04	TEMP=	25.0	TAUMX=	1.4013	SIGE=	2.6072					
EP=	.000003	.000009	-.000007		-.000000	-.000001	.000011	EPPR=	.000009	.000006	-.000009			
SIG=	1.2282	2.0492	-.37434		-.94754-02	-.51461-01	.86242	SIGPR=	2.0518	1.6022	-.75094			
EL= 623	NODES= 891	897	898	892	927	933	934	928	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.112+05	.250+04	.125+04	TEMP=	25.0	TAUMX=	1.2310	SIGE=	2.3332					
EP=	.000003	.000008	-.000005		.000000	-.000001	.000011	EPPR=	.000008	.000006	-.000008			
SIG=	1.3078	1.9996	-.37961-01		.17040-01	-.51628-01	.86362	SIGPR=	2.0009	1.7295	-.46107			
EL= 624	NODES= 892	898	899	893	928	934	935	929	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.112+05	.350+04	.125+04	TEMP=	25.0	TAUMX=	.89817	SIGE=	1.5568					
EP=	.000003	.000002	.000000		.000001	.000002	.000011	EPPR=	.000008	.000001	-.000004			
SIG=	1.2694	.99562	.75534		.10163	.16211	.83971	SIGPR=	1.9248	.96713	.12847			
EL= 625	NODES= 893	899	900	894	929	935	936	930	MAT= 2	VOL= .1250+10			3-D SOLID	45
XC,YC,ZC=	.112+05	.450+04	.125+04	TEMP=	25.0	TAUMX=	1.7988	SIGE=	3.1831					
EP=	.000005	.000002	-.000008		.000003	.000017	.000010	EPPR=	.000010	.000002	-.000014			
SIG=	.46712	-.26273-02	-1.5396		.24039	1.2894	.74538	SIGPR=	1.2230	.76508-01	-2.3746			

EL= 626	NODES= 901 907 908 902 937 943 944 938	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.125+04 500. .175+04 TEMP= 25.0	TAUMX= .24254	SIGE= .47916	
EP=	-.000002 -.000002 .000001 .000000	.000000	EPPR= .000002 -.000002 -.000002	
SIG=	-.49633 -.49085 -.24561-01 .64236-03	.43726-02 .56339-01	SIGPR= -.17885-01 -.49089 -.50297	
EL= 627	NODES= 902 908 909 903 938 944 945 939	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.125+04 .150+04 .175+04 TEMP= 25.0	TAUMX= .24801	SIGE= .48220	
EP=	-.000002 -.000001 .000001 .000000	-.000001 .000001	EPPR= .000002 -.000001 -.000002	
SIG=	-.48090 -.45288 -.14758-01 .59954-03	-.77697-01 .55955-01	SIGPR= .48525-02 -.46223 -.49117	
EL= 628	NODES= 903 909 910 904 939 945 946 940	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.125+04 .250+04 .175+04 TEMP= 25.0	TAUMX= .38456	SIGE= .72485	
EP=	-.000002 -.000002 .000003 .000000	.000001 .000001	EPPR= .000003 -.000002 -.000002	
SIG=	-.41722 -.51506 .23879 .40255-02	.63722-01 .54986-01	SIGPR= .24870 -.42178 -.52041	
EL= 629	NODES= 904 910 911 905 940 946 947 941	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.125+04 .350+04 .175+04 TEMP= 25.0	TAUMX= .97064	SIGE= 1.7048	
EP=	-.000002 -.000004 .000004 .000000	.000010 .000001	EPPR= .000003 -.000002 -.000006	
SIG=	-.41886 -.75150 .47433 .31014-02	.75092 .54644-01	SIGPR= .83277 -.42030 -1.1085	
EL= 630	NODES= 905 911 912 906 941 947 948 942	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.125+04 .450+04 .175+04 TEMP= 25.0	TAUMX= 1.2400	SIGE= 2.1524	
EP=	-.000002 .000000 -.000001 .000000	.000016 .000001	EPPR= .000007 -.000002 -.000009	
SIG=	-.68887 -.42507 -.67029 .14290-01	1.2324 .59958-01	SIGPR= .69266 -.68963 -1.7873	
EL= 631	NODES= 907 913 914 908 943 949 950 944	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.375+04 500. .175+04 TEMP= 25.0	TAUMX= .26015	SIGE= .50367	
EP=	-.000002 -.000002 .000002 -.000000	.000000 -.000001	EPPR= .000002 -.000002 -.000002	
SIG=	-.52801 -.49765 -.17258-01 -.40796-03	.42824-02 -.49482-01	SIGPR= -.12470-01 -.49768 -.53276	
EL= 632	NODES= 908 914 915 909 944 950 951 945	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.375+04 .150+04 .175+04 TEMP= 25.0	TAUMX= .26345	SIGE= .50581	
EP=	-.000002 -.000001 .000002 .000000	-.000001 -.000001	EPPR= .000002 -.000001 -.000002	
SIG=	-.51111 -.46037 -.75328-02 .11270-03	-.77435-01 -.49131-01	SIGPR= .98558-02 -.47182 -.51705	
EL= 633	NODES= 909 915 916 910 945 951 952 946	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.375+04 .250+04 .175+04 TEMP= 25.0	TAUMX= .39083	SIGE= .74663	
EP=	-.000002 -.000002 .000003 -.000000	.000001 -.000001	EPPR= .000003 -.000002 -.000002	
SIG=	-.45069 -.52461 .24330 -.33628-02	.63515-01 -.48080-01	SIGPR= .25182 -.45399 -.52984	
EL= 634	NODES= 910 916 917 911 946 952 953 947	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.375+04 .350+04 .175+04 TEMP= 25.0	TAUMX= .97183	SIGE= 1.7111	
EP=	-.000002 -.000004 .000004 -.000000	.000010 -.000001	EPPR= .000007 -.000002 -.000006	
SIG=	-.44230 -.75507 .48216 -.11450-02	.74809 -.49442-01	SIGPR= .83588 -.44330 -1.1078	
EL= 635	NODES= 911 917 918 912 947 953 954 948	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.375+04 .450+04 .175+04 TEMP= 25.0	TAUMX= 1.2320	SIGE= 2.1403	
EP=	-.000002 .000000 -.000001 -.000000	.000016 -.000001	EPPR= .000007 -.000002 -.000009	
SIG=	-.71828 -.44034 -.66609 -.16444-01	1.2255 -.55081-01	SIGPR= .67919 -.71919 -1.7847	
EL= 636	NODES= 913 919 920 914 949 955 956 950	MAT= 2	VOL= .1250+10	3-D SOLID 45
XC,Y,ZC=	.625+04 500. .175+04 TEMP= 25.0	TAUMX= .21081	SIGE= .40564	
EP=	-.000001 -.000002 .000001 .000000	.000000 .000001	EPPR= .000001 -.000001 -.000002	
SIG=	-.43961 -.48887 -.82554-01 .14898-02	.42373-02 .75240-01	SIGPR= -.67300-01 -.45481 -.48893	

EL= 637	NODES= 914	920	921	915	950	956	957	951	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	.175+04	TEMP= 25.0	TAUMX= .21471	SIGE= .40967							
EP=	-.000001	-.000001	.000001	.000000	-.000001	.000001	EPPR=	.000001	-.000001	-.000002			
SIG=	-.42358	-.44919	-.72805-01	.22088-02	-.78382-01	.74609-01	SIGPR=	-.43204-01	-.42975	-.47263			
EL= 638	NODES= 915	921	922	916	951	957	958	952	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	.175+04	TEMP= 25.0	TAUMX= .35828	SIGE= .65420							
EP=	-.000001	-.000002	.000002	.000000	.000001	.000001	EPPR=	.000002	-.000001	-.000002			
SIG=	-.35469	-.50965	.18538	.62163-02	.64372-01	.73157-01	SIGPR=	.20099	-.36439	-.51556			
EL= 639	NODES= 916	922	923	917	952	958	959	953	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	.175+04	TEMP= 25.0	TAUMX= .96005	SIGE= 1.6759							
EP=	-.000001	-.000004	.000004	.000000	.000010	.000001	EPPR=	.000006	-.000001	-.000006			
SIG=	-.36812	-.74988	.42240	.16859-02	.75697	.75344-01	SIGPR=	.79765	-.37081	-1.1224			
EL= 640	NODES= 917	923	924	918	953	959	960	954	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	.175+04	TEMP= 25.0	TAUMX= 1.2538	SIGE= 2.1727							
EP=	-.000001	.000000	-.000002	.000000	.000016	.000001	EPPR=	.000007	-.000001	-.000009			
SIG=	-.62616	-.40514	-.71329	.23964-01	1.2416	.77963-01	SIGPR=	.69562	-.62830	-1.8119			
EL= 641	NODES= 919	925	926	920	955	961	962	956	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	.175+04	TEMP= 25.0	TAUMX= .46303	SIGE= .83838							
EP=	-.000002	-.000002	.000002	-.000000	.000000	-.000004	EPPR=	.000003	-.000002	-.000003			
SIG=	-.60712	-.48231	.13115	-.38857-02	.45709-02	-.27947	SIGPR=	.22505	-.48233	-.70100			
EL= 642	NODES= 920	926	927	921	956	962	963	957	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	.175+04	TEMP= 25.0	TAUMX= .46717	SIGE= .83942							
EP=	-.000002	-.000001	.000002	-.000000	-.000001	-.000004	EPPR=	.000003	-.000001	-.000003			
SIG=	-.59484	-.44450	.14130	-.52561-02	-.76443-01	-.27879	SIGPR=	.24228	-.44825	-.69206			
EL= 643	NODES= 921	927	928	922	957	963	964	958	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	.175+04	TEMP= 25.0	TAUMX= .54157	SIGE= 1.0353							
EP=	-.000002	-.000002	.000004	-.000000	.000001	-.000004	EPPR=	.000004	-.000002	-.000003			
SIG=	-.53657	-.50642	.39027	-.82313-02	.62586-01	-.27565	SIGPR=	.47006	-.50970	-.61308			
EL= 644	NODES= 922	928	929	923	958	964	965	959	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	.175+04	TEMP= 25.0	TAUMX= 1.0406	SIGE= 1.8661							
EP=	-.000002	-.000004	.000005	-.000000	.000010	-.000003	EPPR=	.000007	-.000002	-.000006			
SIG=	-.51055	-.74128	.62055	-.68699-02	.74656	-.26865	SIGPR=	.99135	-.53280	-1.0898			
EL= 645	NODES= 923	929	930	924	959	965	966	960	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.450+04	.175+04	TEMP= 25.0	TAUMX= 1.2577	SIGE= 2.1997							
EP=	-.000002	-.000000	-.000001	-.000001	.000016	-.000003	EPPR=	.000008	-.000002	-.000008			
SIG=	-.81300	-.45923	-.56349	-.42428-01	1.2317	-.24704	SIGPR=	.74760	-.81554	-1.7678			
EL= 646	NODES= 925	931	932	926	961	967	968	962	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.112+05	500.	.175+04	TEMP= 25.0	TAUMX= 1.0254	SIGE= 1.7936							
EP=	-.000001	-.000002	.000001	.000000	.000000	.000013	EPPR=	.000007	-.000002	-.000007			
SIG=	-.40707	-.49734	-.13159	.30608-02	.46070-02	1.0161	SIGPR=	.75605	-.49736	-1.2947			
EL= 647	NODES= 926	932	933	927	962	968	969	963	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.112+05	.150+04	.175+04	TEMP= 25.0	TAUMX= 1.0318	SIGE= 1.7985							
EP=	-.000001	-.000001	.000001	-.000000	-.000001	.000013	EPPR=	.000007	-.000001	-.000007			
SIG=	-.39891	-.46302	-.12371	-.30292-02	-.73297-01	1.0200	SIGPR=	.77057	-.46313	-1.2931			

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EL= 648	NODES= 927 933 934 928 963 969 970 964	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.112+05 .250+04 .175+04	TEMP= 25.0	TAUMX= 1.0387	SIGE= 1.8426		
EP=	-.000001 -.000002 .000002	.000000	.000001	.000013	EPPR= .000007	-.000002
SIG=	-.36064 -.52346 .10850	.93537-02	.56880-01	1.0103	SIGPR= .91288	-.52399
EL= 649	NODES= 928 934 935 929 964 970 971 965	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.112+05 .350+04 .175+04	TEMP= 25.0	TAUMX= 1.2386	SIGE= 2.2217		
EP=	-.000001 -.000003 .000003	.000001	.000009	.000012	EPPR= .000009	-.000003
SIG=	-.37470 -.73133 .33100	.58385-01	.68575	.93775	SIGPR= 1.1727	-.64316
EL= 650	NODES= 929 935 936 930 965 971 972 966	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.112+05 .450+04 .175+04	TEMP= 25.0	TAUMX= 1.4070	SIGE= 2.4382		
EP=	-.000001 .000000 -.000002	.000002	.000014	.000011	EPPR= .000008	-.000001
SIG=	-.50487 -.38921 -.68518	.11757	1.1191	.83250	SIGPR= .90554	-.57630
EL= 651	NODES= 937 943 944 938 973 979 980 974	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04 500. .225+04	TEMP= 25.0	TAUMX= 1.7300	SIGE= 3.4538		
EP=	-.000011 -.000011 .000011	.000000	-.000000	.000001	EPPR= .000011	-.000011
SIG=	-3.4584 -3.4474 -.11519-02	.54770-03	-.37866-02	.67703-01	SIGPR= .17717-03	-3.4474
EL= 652	NODES= 938 944 945 939 974 980 981 975	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04 .150+04 .225+04	TEMP= 25.0	TAUMX= 1.7664	SIGE= 3.5111		
EP=	-.000011 -.000012 .000011	.000000	-.000001	.000001	EPPR= .000011	-.000011
SIG=	-3.4856 -3.5302 .62555-04	.85198-03	-.47368-01	.67225-01	SIGPR= .19928-02	-3.4869
EL= 653	NODES= 939 945 946 940 975 981 982 976	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04 .250+04 .225+04	TEMP= 25.0	TAUMX= 1.7860	SIGE= 3.5428		
EP=	-.000011 -.000012 .000011	.000000	.000001	.000001	EPPR= .000011	-.000011
SIG=	-3.4750 -3.5346 .34665-01	.38271-02	.50352-01	.65922-01	SIGPR= .36614-01	-3.4761
EL= 654	NODES= 940 946 947 941 976 982 983 977	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04 .350+04 .225+04	TEMP= 25.0	TAUMX= 1.6593	SIGE= 3.1299		
EP=	-.000011 -.000008 .000010	.000000	.000006	.000001	EPPR= .000010	-.000009
SIG=	-3.2008 -2.7111 .43581-01	.26326-02	.44986	.64232-01	SIGPR= .11642	-2.7825
EL= 655	NODES= 941 947 948 942 977 983 984 978	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.125+04 .450+04 .225+04	TEMP= 25.0	TAUMX= 1.4212	SIGE= 2.4619		
EP=	-.000011 -.000000 .000005	.000000	.000007	.000001	EPPR= .000007	-.000002
SIG=	-2.6529 -.94326 -.66978-01	.89886-02	.53479	.67626-01	SIGPR= .18772	-1.1962
EL= 656	NODES= 943 949 950 944 979 985 986 980	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.375+04 500. .225+04	TEMP= 25.0	TAUMX= 1.7136	SIGE= 3.4237		
EP=	-.000011 -.000011 .000011	-.000000	-.000000	-.000001	EPPR= .000011	-.000011
SIG=	-3.4366 -3.4446 -.18588-01	-.22088-03	-.37775-02	-.62731-01	SIGPR= -.17433-01	-3.4378
EL= 657	NODES= 944 950 951 945 980 986 987 981	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.375+04 .150+04 .225+04	TEMP= 25.0	TAUMX= 1.7565	SIGE= 3.4810		
EP=	-.000011 -.000012 .000011	-.000000	-.000001	-.000001	EPPR= .000011	-.000011
SIG=	-3.4625 -3.5281 -.17449-01	-.22990-03	-.47188-01	-.62118-01	SIGPR= -.15696-01	-3.4636
EL= 658	NODES= 945 951 952 946 981 987 988 982	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.375+04 .250+04 .225+04	TEMP= 25.0	TAUMX= 1.7762	SIGE= 3.5135		
EP=	-.000011 -.000012 .000011	-.000000	.000001	-.000001	EPPR= .000011	-.000011
SIG=	-3.4555 -3.5349 .15014-01	-.31059-02	.49901-01	-.61090-01	SIGPR= .16791-01	-3.4565

EC= 659	NODES= 946	952	953	947	982	988	989	983	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.375+04	.350+04	.225+04	TEMP= 25.0	TAUMX= 1.6394	SIGE= 3.0998							
EP=	-.000011	-.000008	.000010	-.000000	.000006	-.000001	EPPR= .000010	-.000009	-.000011				
SIG=	-3.1763	-2.7100	.28858-01	-.19564-02	.44798	-.60112-01	SIGPR= .10136	-2.7812	-3.1775				
EL= 660	NODES= 947	953	954	948	983	989	990	984	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.375+04	.450+04	.225+04	TEMP= 25.0	TAUMX= 1.4046	SIGE= 2.4329							
EP=	-.000011	-.000000	.000005	-.000000	.000007	-.000001	EPPR= .000007	-.000002	-.000011				
SIG=	-2.6380	-.95517	-.83537-01	-.12054-01	.53176	-.63538-01	SIGPR= .16958	-1.2067	-2.6395				
EL= 661	NODES= 949	955	956	950	985	991	992	986	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	500.	.225+04	TEMP= 25.0	TAUMX= 1.7315	SIGE= 3.4604							
EP=	-.000011	-.000011	.000011	.000000	-.000000	.000001	EPPR= .000011	-.000011	-.000011				
SIG=	-3.4024	-3.4087	.52798-01	.10684-02	-.38677-02	.69190-01	SIGPR= .54187-01	-3.4036	-3.4089				
EL= 662	NODES= 950	956	957	951	986	992	993	987	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.150+04	.225+04	TEMP= 25.0	TAUMX= 1.7738	SIGE= 3.5175							
EP=	-.000011	-.000012	.000011	.000000	-.000001	.000001	EPPR= .000011	-.000011	-.000012				
SIG=	-3.4281	-3.4895	.55275-01	.26912-02	-.47945-01	.68208-01	SIGPR= .57256-01	-3.4293	-3.4904				
EL= 663	NODES= 951	957	958	952	987	993	994	988	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.250+04	.225+04	TEMP= 25.0	TAUMX= 1.7932	SIGE= 3.5477							
EP=	-.000011	-.000012	.000012	.000000	.000001	.000001	EPPR= .000012	-.000011	-.000012				
SIG=	-3.4138	-3.4928	.90664-01	.53012-02	.50668-01	.67423-01	SIGPR= .92679-01	-3.4149	-3.4938				
EL= 664	NODES= 952	958	959	953	988	994	995	989	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.350+04	.225+04	TEMP= 25.0	TAUMX= 1.6581	SIGE= 3.1324							
EP=	-.000011	-.000008	.000010	.000000	.000006	.000001	EPPR= .000010	-.000009	-.000011				
SIG=	-3.1488	-2.6701	.91674-01	.38497-02	.45441	.67153-01	SIGPR= .16587	-2.7428	-3.1503				
EL= 665	NODES= 953	959	960	954	989	995	996	990	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.625+04	.450+04	.225+04	TEMP= 25.0	TAUMX= 1.4179	SIGE= 2.4561							
EP=	-.000011	-.000000	.000005	.000000	.000007	.000001	EPPR= .000007	-.000002	-.000011				
SIG=	-2.5961	-.88947	-.22131-01	.20186-01	.53915	.69033-01	SIGPR= .23790	-1.1476	-2.5979				
EL= 666	NODES= 955	961	962	956	991	997	998	992	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	500.	.225+04	TEMP= 25.0	TAUMX= 1.8518	SIGE= 3.6026							
EP=	-.000013	-.000011	.000011	-.000000	-.000000	-.000002	EPPR= .000011	-.000011	-.000013				
SIG=	-3.8212	-3.6169	-.13126	-.37189-02	-.35702-02	-.15790	SIGPR= -.12451	-3.6169	-3.8281				
EL= 667	NODES= 956	962	963	957	992	998	999	993	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.150+04	.225+04	TEMP= 25.0	TAUMX= 1.8685	SIGE= 3.6591							
EP=	-.000013	-.000012	.000011	-.000000	-.000001	-.000002	EPPR= .000012	-.000012	-.000013				
SIG=	-3.8540	-3.7000	-.13147	-.68248-02	-.46476-01	-.15791	SIGPR= -.12419	-3.7001	-3.8612				
EL= 668	NODES= 957	963	964	958	993	999	1000	994	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.250+04	.225+04	TEMP= 25.0	TAUMX= 1.8809	SIGE= 3.6896							
EP=	-.000013	-.000012	.000012	-.000000	.000001	-.000002	EPPR= .000012	-.000012	-.000013				
SIG=	-3.8450	-3.7019	-.96803-01	-.49901-02	.49793-01	-.15560	SIGPR= -.89665-01	-3.7026	-3.8515				
EL= 669	NODES= 958	964	965	959	994	1000	1001	995	MAT= 2	VOL= .1250+10	3-D SOLID 45		
XC,YC,ZC=	.875+04	.350+04	.225+04	TEMP= 25.0	TAUMX= 1.7698	SIGE= 3.2804							
EP=	-.000012	-.000008	.000010	-.000000	.000006	-.000002	EPPR= .000010	-.000009	-.000012				
SIG=	-3.5290	-2.8656	-.72330-01	-.16318-02	.44641	-.14994	SIGPR= .35127-02	-2.9345	-3.5360				

EL= 670	NODES= 959 965 966 960 995 1001 1002 996	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.875+04 .450+04 .225+04	TEMP= 25.0	TAUMX= 1.5174	SIGE= 2.6302				
EP=	-.000012 -.000000 .000006	-.000000	.000007	-.000002	EPPR= .000007	-.000002	-.000012	
SIG=	-2.9495 -1.0928 -.17157	-.25577-01	.53244	-.14046	SIGPR= .78175-01	-1.3354	-2.9566	
EL= 671	NODES= 961 967 968 962 997 1003 1004 998	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.112+05 .506 .225+04	TEMP= 25.0	TAUMX= 1.5976	SIGE= 2.9093				
EP=	-.000006 -.000011 .000009	.000000	-.000000	.000007	EPPR= .000009	-.000007	-.000011	
SIG=	-2.1939 -3.0038 -.80882-01	.30112-02	-.38587-02	.51342	SIGPR= .19140	-2.3044	-3.0039	
EL= 672	NODES= 962 968 969 963 998 1004 1005 999	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.112+05 .150+04 .225+04	TEMP= 25.0	TAUMX= 1.6379	SIGE= 2.9711				
EP=	-.000006 -.000012 .000009	.000000	-.000001	.000007	EPPR= .000010	-.000007	-.000012	
SIG=	-2.2167 -3.0815 .82777-01	.19158-02	-.44234-01	.51558	SIGPR= .19364	-2.3269	-3.0822	
EL= 673	NODES= 963 969 970 964 999 1005 1006 1000	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.112+05 .250+04 .225+04	TEMP= 25.0	TAUMX= 1.6556	SIGE= 3.0073				
EP=	-.000006 -.000012 .000009	-.000000	.000001	.000007	EPPR= .000010	-.000007	-.000012	
SIG=	-2.2375 -3.0919 .11254	-.61306-03	.45168-01	.50900	SIGPR= .21863	-2.3429	-3.0926	
EL= 674	NODES= 964 970 971 965 1000 1006 1007 1001	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.112+05 .350+04 .225+04	TEMP= 25.0	TAUMX= 1.3539	SIGE= 2.5779				
EP=	-.000007 -.000008 .000008	.000000	.000005	.000006	EPPR= .000009	-.000007	-.000009	
SIG=	-2.0853 -2.3522 .11390	.10368-02	.40949	.46471	SIGPR= .26963	-2.1551	-2.4381	
EL= 675	NODES= 965 971 972 966 1001 1007 1008 1002	MAT= 2	VOL= .1250+10					3-D SOLID 45
XC,YC,ZC=	.112+05 .450+04 .225+04	TEMP= 25.0	TAUMX= 1.0468	SIGE= 1.8276				
EP=	-.000007 -.000001 .000004	.000000	.000006	.000005	EPPR= .000006	-.000002	-.000008	
SIG=	-1.6697 -.75737 .27927-02	.15236-01	.48834	.41647	SIGPR= .31541	-.96155	-1.7781	

*** ELEM. STRESS CALC. TIMES

TYPE	NUMBER	STIF	TOTAL CP	AVE CP
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1	675	45	263.250	.390
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*** STEP 1 ITER 1 COMPLETE. TIME= .000000 KDIS= 1 KTEMP= 0 CUM. ITER.= 1

STORAGE REQUIREMENTS (DECIMAL) FOR STRESS AND FORCE CALCULATIONS CP= 2108.149
 SIZE OF ABS= 64472 MEMORY= 7100 TOTAL= 71572 MEMORY AVAILABLE= 30000

CORE NEEDED TO LOAD	=	64462
MAXIMUM WORK AREA USED	=	15692
MAXIMUM TOTAL MEMORY USED	=	80154

1989920 WORDS WRITTEN ON BLOCKS 1 AND 2
 619396 WORDS WRITTEN ON BLOCK 3
 2687 ACTIVE DEGREES OF FREEDOM
 109.6 R.M.S. WAVEFRONT

MATRIX SOLUTION TIME ESTIMATE (UNIVAC) = 1290.83 SECONDS.

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OF POOR QUALITY